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of

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for the Year

1988

STATE OF TENNESSEE

DEPARTMENT OF HEALTH AND ENVIRONMENT

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TENNESSEE VITAL STATISTICS - 1988

INTRODUCTION

Data from vital records for Tennessee for 1988 are given in this *Vital Statistics Bulletin*, the 62nd in a series of annual reports. Beginning in 1986, the Bulletin underwent a major format revision in order to make the data more useful and timely.

An analysis of the vital statistics of Tennessee for the year 1988 is given in the Discussion of Vital Statistics of this Bulletin. Following the analysis, summary tables are presented for the State for the 20 years 1969-1988, inclusive, and also detailed tables for 1988 for the State, the 95 counties, and the cities of 10,000 or more population.

The data in this Bulletin include all vital events occurring during 1988 which were reported to the Office of Vital Records of the Tennessee Department of Health and Environment as of March 15, 1989. Copies of certificates or reports of Tennessee residents with births, deaths, induced abortions, and fetal deaths occurring in other states are forwarded to Tennessee in the interstate transfer of these certificates/reports. Thus, it is possible for each state to compile birth, death, induced abortion, and fetal death statistics relative to its residents. Since at the present time there is no interstate transfer of marriage and divorce certificates, resident data for these events are not available.

Recorded data are obtained by classifying certificates/reports according to the place of birth, death, fetal death, induced abortion, marriage, or divorce. For certain purposes, such as knowledge of the numbers of births or deaths occurring in hospitals, recorded data are desirable and are presented in some of the summary tables. Many residents of the State and of nearby states use health facilities in the large cities of Tennessee; consequently, the numbers of recorded births, deaths, and induced abortions are large in these cities.

Resident data are compiled according to the usual place of residence of the person to whom the event occurred without regard to the geographic place where the event occurred. Resident data are preferable to recorded data for comparing birth, death, and induced abortion rates and ratios for the residents of the counties of Tennessee. Most of the statistics in this report are based on resident data.

Many factors must be considered for the correct interpretation of vital statistics. Completeness and timeliness of registration is one of these factors. Because of continuing efforts of the Tennessee Department of Health and Environment to record vital events as well as the public's need for vital records, it is believed that most events in Tennessee are registered. Characteristics peculiar to a certain area, such as proximity to a military base, affect the vital statistics of that area. In addition, knowledge of the racial and age composition of the population is important for proper interpretation.

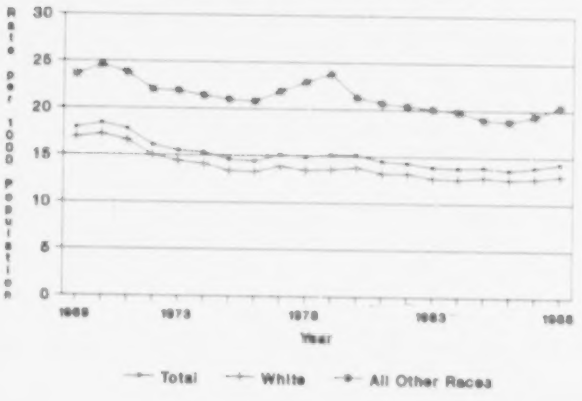
The population for Tennessee of 4,956,346 used in this Bulletin was estimated by the Department of Sociology at the University of Tennessee in Knoxville. The estimates were based on the 1980 Census and were completed using the cohort component method. The elements of this estimated population were used for calculation of rates per population for the State and for the counties by race, sex, and/or age groups. Estimates for city populations for 1988 were obtained by calculating the ratio of the 1987 city population to the 1987 county population and by applying this ratio to the 1988 county population and adding city annexations between July 1, 1987 and June 30, 1988; distribution by race was based on the 1980 Census. Blacks are estimated to comprise 96.1 percent of the population of all nonwhite races in Tennessee in 1988.

DISCUSSION OF VITAL STATISTICS, 1988

Births: During 1988, there were 70,685 live births to residents of Tennessee yielding a birth rate of 14.3 per 1,000 population. The number of births showed an increase of 4.0 percent from the 67,942 births reported in 1987. The birth rate of 14.3 in 1988 represented an increase of 2.9 percent over the rate of 13.9 for the preceding year.

In 1988, resident white births numbered 53,053, an increase of 3.2 percent over the 51,410 births in 1987. The birth rate of 13.0 per 1,000 white population in 1988 was 2.4 percent higher than the rate of 12.7 in 1987. The 17,625 births of races other than white in 1988 represented a 6.6 percent increase over the 16,528 births in 1987. The birth rate of 20.4 for other races in 1988 was an increase of 5.2 percent over the rate of 19.4 for 1987. In 1988, the birth rate for all other races was over one and one-half times the rate for the white population.

FIGURE 1. BIRTH RATES PER 1,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1969-1988



The trend of the birth rate for the past 20 years is shown in Figure 1. This trend may be described as generally downward, fluctuating throughout the period, 1969-1988, from a high rate of 18.4 per 1,000 live births in 1970, to a record low of 13.6 during 1986. The record high birth rate of 26.7 occurred in 1947. The patterns of change in the birth rates for the whites and the population of other races have been similar to the trend of the total birth rates, but rates for the population of races other than white have remained at a level approximately one and one-half times higher than that for the white population.

During the period 1970-1988, the number of females of childbearing age (15-44 years) in Tennessee increased by 36.8 percent. The general fertility rate (number of resident live births per 1,000 females 15-44 years of age) declined from 85.9 in 1970 to 61.4 in 1988, a decrease of 28.5 percent. From 1970 to 1988, Tennessee age-specific fertility rates (number of pregnancies per 1,000 female population 10-49 years of age) decreased 27.9 percent for women aged 20-24 years, while the women aged 30-34 years decreased only 9.9 percent. Women aged 15 to 34 years accounted for 94.1 percent of the births in 1970, and 93.7 percent of the resident births in 1988.

TABLE 1. BIRTH AND DEATH RATES AND RATE OF NATURAL INCREASE PER 1,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1988

	All Races	White	All Other Races
Birth rate	14.3	13.0	20.4
Death rate	9.2	9.3	8.7
Rate of natural increase	5.1	3.7	11.7

For residents of Tennessee in 1988, the birth rate exceeded the crude death rate for a rate of natural increase of 5.1 per 1,000 population (Table 1). The rate of natural increase in 1988 was 5.7 percent higher than in 1987. For the white population, the rate of natural increase was 3.7 per 1,000 population. The rate was 11.7 for races other than white; thus, the rate of natural increase for races other than white was over three times that for whites.

Of the 70,685 resident births in 1988, there were 36,378 males and 34,307

females. This gives a sex ratio of 1,060 male births to 1,000 female births, compared to a ratio of 1,047 in 1987.

During 1988, there were 1,443 resident live births occurring in multiple deliveries. 1,396 births were of twins, 43 births were of triplets, and 4 births were of quadruplets. The number of live births occurring in multiple deliveries may not be indicative of the number of sets of multiple births due to one or more members of a set not being born alive.

In 1988, of the total resident births, 70,178 or 99.3 percent occurred in hospitals. For white births, 52,591 or 99.1 percent occurred in hospitals, while for races other than white, 17,582 or 99.8 percent occurred in hospitals. Of the 503 births that were not delivered in hospitals, 115 were attended by a physician, while 319 births were attended by a midwife, nurse-midwife, or certified nurse-midwife.

TABLE 2. NUMBER AND PERCENTAGE OF BIRTHS ACCORDING TO WEIGHT GROUP, BY RACE: RESIDENT DATA, TENNESSEE, 1988

Weight Group	All Races		White		All Other Races	
	Number	Percent	Number	Percent	Number	Percent
Total	70,685	100.0	53,053	100.0	17,625	100.0
Low birthweight	5,566	7.9	3,357	6.3	2,207	12.5
Under 1,000 grams	461	0.7	248	0.5	213	1.2
Under 350 grams	29	0.0	10	0.0	19	0.1
350-499 grams	66	0.1	36	0.1	30	0.2
500-999 grams	366	0.5	200	0.4	164	0.9
1,000-1,499 grams	541	0.8	301	0.6	240	1.4
1,500-1,999 grams	1,049	1.5	627	1.2	421	2.4
2,000-2,499 grams	3,515	5.0	2,181	4.1	1,333	7.6
2,500-2,999 grams	12,296	17.4	8,071	15.2	4,224	24.0
3,000-3,499 grams	25,971	36.7	19,249	36.3	6,721	38.1
3,500-3,999 grams	19,847	28.1	16,256	30.6	3,589	20.4
4,000-4,499 grams	5,816	8.2	5,052	9.5	764	4.3
4,500 grams and over	1,153	1.6	1,051	2.0	102	0.6
Unknown weight	36	0.1	17	0.0	18	0.1

Totals may include one or more births with race not stated.

Table 2 shows the distribution of births according to birthweight. During 1988, low birthweight (less than 2,500 grams) babies accounted for 5,566, or 7.9 percent, of total live births. The proportion of low birthweight infants varied by race. Races other than white exhibited a much higher percentage of low weight births when compared with white births, 12.5 percent and 6.3 percent, respectively.

The highest proportion of high birthweight (4,000 grams or more) infants was to whites with 11.5 percent compared to 4.9 percent for races other than white.

During the 10-year period, 1979-1988, the percentage of low birthweight infants has remained relatively stable. However, the percentage change of infants with very low birthweight (VLBW) (less than 1,500 grams) increased 23.8 percent for races other white between the years 1979-1988, while the percentage of white infants with VLBW remained the same.

TABLE 3. NUMBER AND PERCENTAGE OF BIRTHS ACCORDING TO AGE OF MOTHER, BY RACE OF CHILD: RESIDENT DATA, TENNESSEE, 1988

Age of Mother	All Races		White		All Other Races	
	Number	Percent	Number	Percent	Number	Percent
Total	70,685	100.0	53,053	100.0	17,625	100.0
Under 15 years	316	0.4	87	0.2	229	1.3
15-17 years	4,437	6.3	2,644	5.0	1,793	10.2
18-19 years	7,395	10.5	5,045	9.5	2,350	13.3
20-24 years	22,433	31.7	16,483	31.1	5,949	33.8
25-29 years	20,560	29.1	16,371	30.9	4,187	23.8
30-34 years	11,426	16.2	9,178	17.3	2,248	12.8
35-39 years	3,576	5.1	2,832	5.3	744	4.2
40-44 years	518	0.7	403	0.8	115	0.7
45 years and over	17	0.0	9	0.0	8	0.0

Totals may include one or more births with race of child and/or age of mother not stated.

In 1988, of the 70,685 resident births, 17.2 percent or 12,148 births occurred to mothers less than 20 years of age (Table 3). Of the 53,053 white births, 7,776 or 14.7 percent occurred to teenage mothers, while 24.8 percent or 4,372 of the 17,625 births of other races were to teenage mothers. Of the total 70,685 resident births, 42,993 or 60.8 percent were to mothers aged 20-29 years; 61.9 percent of white births and 57.5 percent of the births of other races occurred to mothers in this age group.

In 1988, it was indicated on 68,004 or 96.2 percent of the birth certificates that the mother had received some prenatal care (Table 4). A mother was considered to have received prenatal care when the birth certificate

contained information specifying the month that prenatal care began and a number of visits greater than zero. On 1,658 or 2.3 percent of the birth certificates, it could not be determined whether or not the mother had received prenatal care. On 1.4 percent or 1,023 certificates, the mother stated that no prenatal care was received. Mothers of 51,357 white newborns or 96.8 percent received prenatal care, and mothers of 16,643 newborns of other races or 94.4 percent received care.

TABLE 4. LIVE BIRTHS BY NUMBER OF PRENATAL VISITS, BY MONTH OF PREGNANCY PRENATAL CARE BEGAN AND RACE OF CHILD: RESIDENT DATA, TENNESSEE, 1988

Number of Prenatal Visits	Total	Month of Pregnancy Prenatal Care Began: 1st-3rd Month	4th-6th Month	7th-9th Month	No Care	Not Stated
All Races						
Total	70,685	52,165	13,290	2,549	1,023	1,658
No visits	1,023				1,023	
1-4 visits	3,877	1,038	1,446	1,193		
5-9 visits	13,442	6,949	5,490	1,097		
10-14 visits	37,256	31,800	5,239	217		
15-19 visits	11,127	10,230	856	35		
20 or more visits	2,502	2,242	251	7		
Not stated	1,658					1,658
White						
Total	53,053	41,049	8,805	1,703	447	1,249
No visits	447				447	
1-4 visits	1,752	388	836	728		
5-9 visits	9,252	4,872	3,596	784		
10-14 visits	29,160	25,394	3,604	162		
15-19 visits	9,300	8,654	621	25		
20 or more visits	1,893	1,741	148	4		
Not stated	1,249					1,249
All Other Races						
Total	17,625	11,113	4,664	846	576	406
No visits	576				576	
1-4 visits	1,925	650	810	465		
5-9 visits	4,188	1,976	1,809	313		
10-14 visits	8,094	6,404	1,635	55		
15-19 visits	1,827	1,582	235	10		
20 or more visits	609	501	105	3		
Not stated	406					406

Totals may include one or more births with race not stated.

For those who received care, 77.4 percent of mothers of white newborns began care during the first trimester of pregnancy, while only 63.1 percent of mothers of newborns of other races began care this early. As education increased, the mother was more likely to have begun care in the first trimester. Of the total for all races receiving care who had less than an eighth grade education, 56.3 percent began care during the first trimester. In contrast, 92.2 percent of the college graduates receiving care began in the first trimester.

There was an inverse relationship between the number of previous pregnancies and the receipt of prenatal care. In 1988, for mothers with no previous pregnancies, 96.8 percent received prenatal care, while 93.5 percent of those with four previous pregnancies and 89.4 percent of those with six or more previous pregnancies received care.

In 1988, of the 70,685 resident live births in Tennessee, 19,504 or 27.6 percent were reported as illegitimate. This represented a 4.9 percent increase over the percentage of illegitimate births in 1987. Of the total number of illegitimate births to residents of the State, 7,816 were white and 11,684 were of other races. Illegitimate births accounted for 14.7 percent of white births in 1988, while 66.3 percent of births of other races were illegitimate. From 1987 to 1988, the percentage of births reported to be illegitimate in both the white population and the population of races other than white showed increases (6.5 and 1.5, respectively).

TABLE 5. PERCENTAGE OF LIVE BIRTHS REPORTED TO BE ILLEGITIMATE BY RACE: RESIDENT DATA, TENNESSEE, 1959-1988

Year	All Races	White	All Other Races	Year	All Races	White	All Other Races
1959	6.4	2.8	27.8	1974	14.9	5.4	49.3
1960	6.7	2.7	29.4	1975	15.8	5.9	50.6
1961	9.3	3.0	31.3	1976	16.5	6.1	53.3
1962	9.5	3.1	32.1	1977	16.6	6.7	52.2
1963	9.7	3.1	30.8	1978	18.2	7.4	54.1
1964	9.9	3.2	33.9	1979	19.1	8.1	55.1
1965	11.2	3.8	36.4	1980	19.8	8.8	56.2
1966	11.3	4.0	37.2	1981	20.4	9.2	57.0
1967	11.8	4.1	38.6	1982	20.9	9.7	58.7
1968	11.8	4.4	39.1	1983	22.0	10.5	60.9
1969	11.8	4.5	39.3	1984	22.9	11.2	62.0
1970	12.5	4.6	41.5	1985	24.3	12.2	63.3
1971	12.9	4.5	43.9	1986	25.3	13.0	64.6
1972	14.4	5.2	47.9	1987	26.3	13.8	65.3
1973	14.9	5.3	49.0	1988	27.6	14.7	66.3

Table 5 shows the percentages of births by race which were illegitimate for the 30-year period, 1959-1988. The percentages that were reported as illegitimate for births of races other than white were four and one-half to almost eleven times those for whites throughout this time period. The percentage of total births reported to

be illegitimate increased gradually from 8.4 percent in 1959 to 27.6 percent in 1988. The increase in percentages, however, was greatest among whites.

In 1988, there were 6,068 births recorded in Tennessee to mothers who were residents of other states, U.S. possessions, and foreign countries and 1,158 births recorded in other states to Tennessee mothers. The recorded birth rate of 15.3 per 1,000 population was higher than the resident rate of 14.3. Both rates were also higher in 1988 than in 1987 when the recorded birth rate was 14.8 and the resident birth rate was 13.9.

Fetal Deaths: In 1988, there were 472 fetal deaths reported for mothers who were residents of the State. The 1988 fetal death ratio of 6.7 per 1,000 live births was the same as the record low set in 1987. The ratios have been experiencing a downward trend since 1973. The ratio for 1987 and 1988 was 4.3 percent lower than the previous low ratio of 7.0 in 1986.

Legal criteria for reporting a fetal death to the Tennessee Department of Health and Environment changed during the time period included in this Bulletin. Caution should be exercised when comparing fetal death data from different years. Prior to January 1, 1978, the law required registration of fetal deaths of 20 or more weeks gestation. With the enactment of the Vital Records Act of 1977, to be reported as a fetal death, the fetus must have been of 20 completed weeks or more gestation or weighed 350 grams or more; this reporting requirement was in effect from January 1, 1978 through April 11, 1979. As of April 12, 1979, the Vital Records Act of 1977 was amended so that a fetal death of 500 grams or more, or, in the absence of weight, of 22 completed weeks of gestation or more is reportable.

Of the 472 fetal deaths reported as resident events, 98.9 percent were delivered in hospitals. During the past 20 years, there has been an increase in the percentage of fetal deaths delivered in hospitals similar to that for live births.

TABLE 6. NUMBER AND PERCENTAGE OF FETAL DEATHS ACCORDING TO WEIGHT GROUP, BY RACE: RESIDENT DATA, TENNESSEE, 1988

Weight Group	All Races		White		All Other Races	
	Number	Percent	Number	Percent	Number	Percent
Total	472	100.0	273	100.0	199	100.0
Under 1,000 grams	152	32.2	91	33.3	61	30.7
1,000-1,499 grams	62	13.1	36	13.2	26	13.1
1,500-1,999 grams	57	12.1	31	11.4	26	13.1
2,000-2,499 grams	60	12.7	33	12.1	27	13.6
2,500 grams and over	127	26.9	73	26.7	54	27.1
Unknown weight	14	3.0	9	3.3	5	2.5

The distribution of reported fetal deaths by weight at delivery in 1988 is given in Table 6. Of the 472 fetal deaths, 152 or 32.2 percent weighed under 1,000 grams compared with 1987 when there were 116 or 25.6 percent in this weight group. In 1988, of the 273 white fetal deaths, 91 or 33.3 percent weighed under 1,000 grams compared to the 61 or 30.7 percent of the 199 fetal deaths of all other races.

TABLE 7. NUMBER AND PERCENTAGE OF FETAL DEATHS ACCORDING TO CAUSE, BY RACE: RESIDENT DATA, TENNESSEE, 1988

Cause of Fetal Death	All Races		White		All Other Races	
	Number	Percent	Number	Percent	Number	Percent
Total	472	100.0	273	100.0	199	100.0
Congenital anomalies (740-759)	28	5.9	23	8.4	5	2.5
Maternal conditions which may be unrelated to pregnancy (760.1-760.9)	6	1.3	5	1.8	1	0.5
Maternal complications of pregnancy (760.0,761)	27	5.7	18	6.6	9	4.5
Complications of placenta (762.0-762.3)	55	11.7	40	14.7	15	7.5
Complications of cord (762.4-762.6)	65	13.8	50	18.3	15	7.5
Complications of membranes (762.7-762.9)	2	0.4	1	0.4	1	0.5
Other complications of labor and delivery (763)	-	-	-	-	-	-
Immaturity (765)	10	2.1	8	2.9	2	1.0
Intrauterine hypoxia and birth asphyxia (768)	5	1.1	5	1.8	-	-
Other and ill-defined conditions originating in the perinatal period (779)	264	55.9	115	42.1	149	74.9
Other and ill-defined causes	10	2.1	8	2.9	2	1.0

Causes of fetal deaths were classified according to the *Ninth Revision International Classification of Diseases*, 1975. Table 7 shows the

underlying causes of the 472 fetal deaths by race in 1988.

Complications of cord was the reported leading cause of fetal deaths for all races combined and for both racial groups with complications of placenta the second leading cause. In 55.9 percent of the total fetal deaths in 1988, the cause was coded as other and ill-defined conditions originating in the perinatal period.

Induced Abortions: Beginning with 1982, improved resident data for abortions were available due to better cooperation between the states in the interstate transfer of abortion reports. Because of this improvement, resident abortion data for 1982-1988 are not comparable with resident abortion data from previous years.

In 1988, there were 19,305 abortions performed on women who were residents of Tennessee. This corresponds to a ratio of 273.1 abortions per 1,000 resident live births. Of the 19,305 Tennessee women obtaining abortions, 17,748 or 91.9 percent obtained the abortion in Tennessee while the remainder were obtained in 10 other states.

TABLE 8. NUMBER OF INDUCED ABORTIONS ACCORDING TO RACE OF WOMAN WITH RATIOS PER 1,000 LIVE BIRTHS: RESIDENT DATA TENNESSEE: 1982-1988

Year	All Races		White		All Other Races	
	Number	Ratio	Number	Ratio	Number	Ratio
1982	17,611	262.5	13,284	255.3	4,331	286.3
1983	17,559	268.2	12,956	255.8	4,597	310.5
1984	17,967	276.7	12,541	250.1	5,391	364.7
1985	18,155	272.1	12,525	244.4	5,589	361.3
1986	18,929	285.7	12,853	253.2	6,058	391.7
1987	18,816	276.9	12,558	242.8	6,218	383.5
1988	19,305	273.1	12,687	237.1	6,553	381.8

Totals may include one or more events with race not stated.

There were 12,687 white women and 6,553 women of other races who obtained abortions in 1988. The ratio of abortions per 1,000 live births was higher for women of other races than for white women (381.8 and 237.1, respectively) Table 8.

Of the Tennessee women obtaining induced abortions in 1988, 28.4 percent were 19 years of age or younger; 32.5 percent were from 20-24 years of age; and 38.9 percent were 25 years of age or older. This distribution varied slightly according to race as shown in Table 9.

TABLE 9. NUMBER AND PERCENT DISTRIBUTION OF INDUCED ABORTIONS ACCORDING TO AGE AND RACE OF WOMAN: RESIDENT DATA TENNESSEE: 1988

Age of Woman	All Races		White		All Other Races	
	Number	Percent	Number	Percent	Number	Percent
Total	19,305	100.0	12,687	100.0	6,553	100.0
Under 15 years	174	0.9	73	0.6	101	1.5
15-17 years	2,165	11.2	1,446	11.4	712	10.9
18-19 years	3,149	16.3	2,210	17.4	928	14.2
20-24 years	6,281	32.5	4,046	31.9	2,217	33.8
25-29 years	3,929	20.4	2,502	19.7	1,413	21.6
30-34 years	2,178	11.3	1,415	11.2	752	11.5
35-39 years	1,120	5.8	762	6.0	356	5.4
40-44 years	264	1.4	198	1.6	65	1.0
45 years and over	18	0.1	15	0.1	3	0.0
Not stated	27	0.1	20	0.2	6	0.1

Totals may include one or more events with race not stated.

Pregnancies: With the legalization of and resulting increase in abortions, it is important to look at total reported pregnancies to analyze fertility. The number of pregnancies is the sum of live births, reportable fetal deaths, and reported induced abortions. Table 10 shows the number of pregnancies with rates per 1,000 female population by race and age of woman. The number of pregnancies for 1988 was 90,462 with a rate of 61.9 per 1,000 female population aged 10-49. The rates were higher for all other races than for whites in all age groups. At age 10-14 years the pregnancy rate for all other races exceeded the white rate by 650.0 percent (9.0 and 1.2 respectively). The rate of 133.8 for all other races aged 25-29 was only 17.8 percent higher than the rate of 113.6 for white females.

Deaths: Beginning with 1979 events, the underlying causes of deaths have been classified under the title numbers of the *Ninth Revision of the International Classification of Diseases*. For the period 1968-1978,

data were classified under the title numbers of the *Eighth Revision of the International Classification.*

TABLE 10. NUMBER OF PREGNANCIES BY RACE AND AGE OF WOMAN WITH RATES PER 1,000 FEMALE POPULATION. RESIDENT DATA. TENNESSEE. 1988

Age of Woman	Pregnancies: Total Number	Total Rate	Live Births	Fetal Deaths	Induced Abortions
Total (10-49)	90,462	61.9	70,685	472	19,305
10-14 years	491	2.9	316	1	174
15-17 years	6,638	60.7	4,437	36	2,165
15 years	1,048	29.4	689	5	354
16 years	2,142	58.6	1,436	12	694
17 years	3,448	92.9	2,312	19	1,117
18 years	5,047	135.0	3,354	16	1,677
19 years	5,550	148.5	4,041	37	1,472
20-24 years	28,857	153.0	22,433	143	6,281
25-29 years	24,601	117.6	20,560	112	3,929
30-34 years	13,671	65.5	11,426	67	2,178
35-39 years	4,742	24.9	3,576	46	1,120
40-44 years	789	4.6	518	7	264
45-49 years	36	0.3	17	1	18
White					
Total (10-49)	66,474	55.9	53,512	275	12,687
10-14 years	160	1.2	87	-	73
15-17 years	4,130	47.8	2,664	20	1,446
15 years	518	18.4	303	4	211
16 years	1,287	44.5	834	6	447
17 years	2,325	79.0	1,527	10	788
18 years	3,444	116.0	2,248	6	1,190
19 years	3,901	131.4	2,860	21	1,020
20-24 years	20,770	138.3	16,647	77	4,046
25-29 years	19,066	113.6	16,498	66	2,502
30-34 years	10,699	63.2	9,241	43	1,415
35-39 years	3,645	23.2	2,850	33	762
40-44 years	610	4.2	407	5	198
45-49 years	25	0.2	9	1	15
All Other Races					
Total (10-49)	23,913	87.6	17,164	196	6,553
10-14 years	331	9.0	229	1	101
15-17 years	2,501	109.5	1,773	16	712
15 years	530	70.2	386	1	143
16 years	854	112.0	602	6	246
17 years	1,117	145.6	785	9	323
18 years	1,599	208.0	1,106	10	483
19 years	1,642	213.8	1,181	16	445
20-24 years	8,087	210.2	5,784	66	2,217
25-29 years	5,518	133.8	4,059	46	1,413
30-34 years	2,961	75.2	2,185	24	752
35-39 years	1,095	33.1	726	13	356
40-44 years	178	6.9	111	2	65
45-49 years	11	0.5	8	-	3

Totals may include one or more events with race and/or sex not stated.

Because the *Ninth Revision* represents some major changes from the groupings of diseases in the *Eighth Revision*, some regrouping of deaths by cause for the years prior to 1979 has been made in this Bulletin. Data for selected causes of death given in Table II is shown according to category titles of the *Ninth Revision*. In order to fit as nearly as possible the deaths by cause for the years prior to 1979 into the same categories as those for 1979-1988, a correspondence of code numbers for the *Eighth* and *Ninth Revisions* was used. This correspondence is shown in Appendix B on page 97.

Caution should be exercised in making any comparison of mortality by cause for deaths for 1979-1988 with that for previous years.

During 1988, deaths to Tennessee residents numbered 45,728, an increase of 1.9 percent over the 44,884 deaths in 1987. The death rate of 9.2 per 1,000 population remained the same as the rate in 1987.

In 1988, the 38,157 deaths among the white race showed an increase of 2.3 percent over the 37,307 deaths for 1987, and the 7,567 deaths among all other races was only a slight decrease from the 7,572 deaths for 1987. For the white race in 1988, the death rate of 9.3 per 1,000 white population represented a slight decrease from the comparable rate of 9.2 for the preceding year; the death rate of 8.7 per 1,000 population for races other than white was a decrease of 2.2 percent from the rate of 8.9 in 1987.

TABLE 11. AGE-ADJUSTED[6] DEATH RATES PER 1,000 POPULATION, BY RACE. RESIDENT DATA. TENNESSEE. 1970-1988

Year	All Races	White	All Other Races	Year	All Races	White	All Other Races
1970	7.9	7.5	10.7	1980	6.6	6.2	8.8
1971	7.6	7.2	10.3	1981	6.4	6.1	8.3
1972	7.7	7.3	10.4	1982	6.2	5.8	8.3
1973	7.6	7.2	10.5	1983	6.2	5.9	8.4
1974	7.4	7.0	10.0	1984	6.3	6.0	8.3
1975	7.0	6.6	9.7	1985	6.4	6.0	8.3
1976	6.9	6.5	9.3	1986	6.4	6.1	8.3
1977	6.7	6.3	9.3	1987	6.4	6.0	8.2
1978	6.5	6.1	8.8	1988	6.4	6.1	8.1
1979	6.3	5.9	9.0				

[6]Adjusted to age distribution of 1940 Census population of the United States.

Since death rates vary by age, the crude death rate is affected by the age composition of the population. In order to remove the effect of the changing age

distribution of the population, age-adjusted death rates have been computed by race for the years 1970-1988 and are shown in Table 11 and Figure 2. These adjusted rates were calculated using the direct method with the total enumerated population of the United States in 1940 as a standard.

FIGURE 2. AGE-ADJUSTED DEATH RATES PER 1,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1970-1988

If the age composition of the population of Tennessee had been the same in 1988 as that of the United States in 1940, the death rate for the total population would have been 6.4 per 1,000 population rather than the crude rate of 9.2. This adjusted rate for 1988 was 19.0 percent lower than the comparable rate for 1970, while the crude death rate for 1988 was just 5.2 percent lower than the crude death rate for 1970. In comparison to 1970, there is an increased number of older persons in the 1988 population among whom the risk of death is greatest. By comparing only crude death rates, the progress made in reducing mortality since 1970 is concealed due to the increasing proportion of older people in the population.

From 1970 to 1988, the age-adjusted death rate for the white population declined by 18.7 percent, while the rate for all other races showed a 24.3 percent decline. The age-adjusted death rate for all other races in 1988 was 32.8 percent higher than that for whites; whereas, the comparison of crude death rates showed that the rate for all other races was 6.5 percent lower than the rate for the white population.

Age-specific death rates by race and sex for 1988 are given in Table 12. In the total population, death rates were high during infancy but were low during childhood years. The rates remained at a similar level for persons from 15 to 34 years of age, after which the rates increased sharply and were at the highest level for persons in the 85 years and over age group. The rates for races other than white were at a higher level than those for whites except between the ages of 15-19 and the 85 years and over age group. Mortality was higher among males than among females for all age groups in both races. White males in every age group 1-44 years except 5-9 years experienced death rates at least twice as high as white females. Also, males of other races in every age group 15-34 years experienced death rates at least twice as high as their female counterparts.

TABLE 12. DEATH RATES PER 1,000 POPULATION, BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1988

Age Group	All Races	White			All Other Races		
	Total	Total	Male	Female	Total	Male	Female
All ages	9.2	9.3	10.1	8.6	8.7	9.6	8.0
Under 1 year*	10.8	8.3	9.0	7.5	18.4	19.9	16.8
1-4 years	0.5	0.4	0.6	0.3	0.5	0.6	0.4
5-9 years	0.3	0.2	0.3	0.2	0.3	0.5	0.2
10-14 years	0.3	0.3	0.4	0.2	0.5	0.5	0.4
15-19 years	1.0	1.0	1.4	0.6	0.8	1.4	0.3
20-24 years	1.3	1.2	1.9	0.5	1.6	2.4	0.8
25-29 years	1.3	1.1	1.5	0.7	2.1	2.9	1.3
30-34 years	1.5	1.3	1.9	0.7	2.4	3.5	1.3
35-44 years	2.2	2.0	2.7	1.3	3.3	4.4	2.3
45-54 years	5.1	4.7	6.2	3.3	7.3	9.5	5.4
55-64 years	13.8	13.0	17.4	9.0	19.5	24.9	15.3
65-74 years	30.4	29.1	41.0	20.2	40.0	53.4	30.7
75-84 years	66.1	66.9	91.5	53.3	76.1	96.2	64.5
85 years and over	126.0	128.1	143.1	122.0	112.8	135.9	102.0

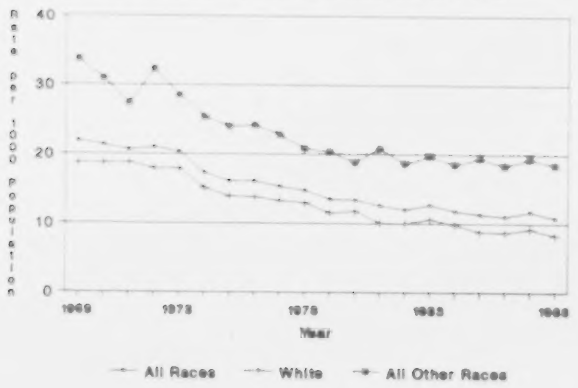
*Rate per 1,000 live births.

In 1988, the number of deaths to Tennessee residents was 45,728 or 3,033

fewer than the 48,761 deaths recorded in the State. Thus, there were more deaths of nonresidents, occurring in Tennessee (4,124) than there were deaths of Tennessee residents occurring in other states (1,091).

Infant Mortality: In Tennessee during 1988, there were 762 resident infant deaths, giving a record low infant mortality rate of 10.8 per 1,000 live births. The number of infant deaths was 3.8 percent lower than the 792 infant deaths in 1987. The resulting rate was 7.7 percent lower than that of 11.7 in 1987. Figure 3 gives infant mortality rates for the past 20 years. The number of infant deaths and the mortality rates for the years 1969-1988 are given in Table I.

FIGURE 3 INFANT MORTALITY RATES PER 1,000 LIVE BIRTHS, BY RACE, RESIDENT DATA, TENNESSEE, 1969-1988



White infant deaths decreased from 473 deaths in 1987 to 438 deaths in 1988, while infant deaths of races other than white increased from 319 deaths in 1987 to 324 deaths in 1988. The corresponding infant mortality rates in 1988 were 8.3 for whites and 18.4 for races other than white.

In 1988, there were 426 male infant deaths and 336 female infant deaths. The mortality rate of 11.7 per 1,000 live births experienced by male infants was 19.4 percent higher than the rate of 9.8 for female infants.

Table 13 presents the leading causes of infant deaths for 1988. Among the 762 infant deaths for Tennessee residents, the leading cause of infant

TABLE 13 LEADING CAUSES OF INFANT DEATHS WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RESIDENT DATA, TENNESSEE, 1988

	Cause of Death	All Races		White		All Other Races	
		Number	Rate	Number	Rate	Number	Rate
	All causes	762	10.8	438	8.3	324	18.4
1	Congenital anomalies (740-759)	138	2.0	98	1.8	40	2.3
2	Sudden infant death syndrome (798.0)	130	1.8	78	1.5	52	3.0
3	Respiratory distress syndrome (769)	51	0.7	35	0.7	16	0.9
4	Disorders relating to short gestation and unspecified low birthweight (765)	48	0.7	23	0.4	25	1.4
5	Accidents and adverse effects (E800-E949)	31	0.4	16	0.3	15	0.9
6	Intrauterine hypoxia and birth asphyxia (768)	20	0.3	10	0.2	10	0.6
7	Infections specific to the perinatal period (771)	19	0.3	10	0.2	9	0.5
8	Neonatal hemorrhage (772)	14	0.2	6	0.1	8	0.5
9	Newborn affected by complications of placenta, cord, and membranes (762)	11	0.2	9	0.2	2	0.1
10	Newborn affected by maternal complication of pregnancy (761)	6	0.1	6	0.1	-	-
10	Pneumonia and influenza (480-487)	6	0.1	5	0.1	1	0.1

mortality was attributed to congenital anomalies with 138 deaths and a rate of 2.0 per 1,000 live births. This was also the leading cause of white infant deaths with 98 deaths and a rate of 1.8. The leading cause of death for infants other than white was sudden infant death syndrome with 52 deaths and a rate of 3.0.

Sudden infant death syndrome was the second leading cause of death for all races combined with 130 deaths and a rate of 2.0. This was also the second leading cause of death for white infants with 78 deaths and a rate of 1.5. For infants of other races, congenital anomalies was the second leading cause of death with 40 deaths and a rate of 2.3.

Mortality rates per 1,000 live births for infants of all other races were higher than those for white infants for all of the causes of death listed in

Table 13 except for newborn affected by complications of placenta, cord, and membranes, and also, for newborn affected by maternal complications of pregnancy for which there were no reported deaths for races other than white in 1988.

TABLE 14. NUMBER OF INFANT DEATHS BY AGE AT DEATH WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RESIDENT DATA: TENNESSEE, 1988

Age at Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Total, under 1 year	762	10.8	438	8.3	324	18.4
Neonatal (under 28 days)	458	6.5	258	4.9	200	11.3
Under 1 day	243	3.4	140	2.6	103	5.8
1-6 days	135	1.9	76	1.4	59	3.3
7-27 days	80	1.1	42	0.8	38	2.2
Under 1 month	464	6.6	261	4.9	203	11.5
1 month	65	0.9	40	0.8	25	1.4
2 months	74	1.0	44	0.8	30	1.7
3 months	45	0.6	27	0.5	18	1.0
4 months	26	0.4	17	0.3	9	0.5
5 months	22	0.3	12	0.2	10	0.6
6 months	18	0.3	12	0.2	6	0.3
7 months	17	0.2	8	0.2	9	0.5
8 months	11	0.2	11	0.2	-	-
9 months	6	0.1	3	0.1	3	0.2
10 months	7	0.1	2	0.0	5	0.3
11 months	7	0.1	1	0.0	6	0.3

Infant deaths by age at death and by race with rates per 1,000 live births are shown for 1988 in Table 14. Of the 762 infant deaths, 60.1 percent or 458 occurred during the neonatal period, the first 27 days of life. The neonatal mortality rate in 1988 was 6.5 per 1,000 live births, 14.5 percent lower than in 1987. Of the 458 neonatal deaths, 243 or 53.1 percent occurred among babies under 1 day of age, and an additional 135 or 29.5 percent died at 1-6 days of age; thus, 82.5 percent of the neonatal deaths occurred within the first week of life.

Of the 458 neonatal deaths in 1988, whites accounted for 258 deaths and other races, 200; corresponding rates were 4.9 per 1,000 white live births and 11.3 per 1,000 live births for all other races. The neonatal mortality rate for infants of other races was 130.6 percent higher than that for white infants. This racial differential represented a substantial increase when compared to that of 1987 when the neonatal mortality rate for all other races was 118.6 percent higher than the rate for white infants.

The two leading causes of death in the neonatal period were congenital anomalies with 93 deaths; followed by disorders relating to short gestation and unspecified low birthweight with 48 deaths.

Mortality in the postneonatal period was much lower than in the neonatal period. In 1988, there were 304 postneonatal deaths with a rate of 4.3 per 1,000 live births. The postneonatal mortality rate of 3.4 per 1,000 live births for white infants increased by 3.0 percent from the rate of 3.3 in 1987; however, the postneonatal mortality rate of 7.0 for all other races in 1988 increased by 9.4 percent over the comparable rate of 6.4 in the preceding year.

The two leading causes of death in the postneonatal period were sudden infant death syndrome with 120 deaths followed by congenital anomalies with 45 deaths.

Maternal Mortality: Eight Tennessee mothers were reported to have died from complications of pregnancy, childbirth, and the puerperium in 1988 giving a maternal mortality rate of 1.1 per 10,000 live births. In 1987, there were six maternal deaths with a corresponding rate of 0.9. Three of the maternal deaths in 1988 were white women and five were of other races.

Causes of maternal deaths were complications of puerperium (4); toxemia of pregnancy (1); and other complications of pregnancy (3).

Principal Causes of Death: The groupings of principal causes of death in the tables that follow are in accordance with national recommendations and the *Ninth Revision International Classification of Diseases*, 1975.

The seven principal causes of death (as shown in Table 15) accounted for 36,196 or 79.2 percent of the total 45,728 deaths of Tennessee residents in

1988. The leading causes were the same as in 1987. Five of the seven showed increases in the death rates from 1987 to 1988. The death rate in 1988 for pneumonia and influenza showed the largest increase, 17.6 percent higher than the rate of 27.8 in 1987. Other increases are as follows: chronic

TABLE 15. PRINCIPAL CAUSES OF DEATH WITH RATES PER 100,000 POPULATION, RESIDENT DATA, TENNESSEE, 1988

	Cause of Death	Deaths Number	Deaths Rate
	All causes	45,728	922.6
1	Diseases of heart (390-398, 402, 404-429)	16,010	323.0
2	Malignant neoplasms (140-208)	9,894	199.6
3	Cerebrovascular disease (430-438)	3,761	75.9
4	Accidents and adverse effects (E800-E949)	2,435	49.1
5	Chronic obstructive pulmonary disease and allied conditions (490-496)	1,750	35.3
6	Pneumonia and influenza (480-487)	1,621	32.7
7	Diabetes mellitus (250)	725	14.6

obstructive pulmonary disease and allied conditions, with an increase of 7.6 percent; accidents and adverse effects with a 3.2 percent increase; diabetes mellitus with an increase of 2.1 percent, and diseases of heart with an increase of 0.4 percent. The two leading causes of death that showed decreases in rate from 1987 were: malignant neoplasms, 2.2 percent; and cerebrovascular disease, 1.8 percent.

TABLE 16. PRINCIPAL CAUSES OF DEATH WITH RATES PER 100,000 POPULATION, BY SEX, RESIDENT DATA, TENNESSEE, 1988

	Cause of Death	Deaths Number	Deaths Rate
	Male		
	All causes	24,062	997.3
1	Diseases of heart (390-398, 402, 404-429)	8,173	338.7
2	Malignant neoplasms (140-208)	5,531	229.2
3	Accidents and adverse effects (E800-E949)	1,661	68.8
4	Cerebrovascular disease (430-438)	1,492	61.8
5	Chronic obstructive pulmonary disease and allied conditions (490-496)	1,110	46.0
6	Pneumonia and influenza (480-487)	800	33.2
7	Suicide (E950-E959)	539	22.3
	Female		
	All causes	21,666	851.8
1	Diseases of heart (390-398, 402, 404-429)	7,837	308.1
2	Malignant neoplasms (140-208)	4,363	171.5
3	Cerebrovascular disease (430-438)	2,269	89.2
4	Pneumonia and influenza (480-487)	821	32.3
5	Accidents and adverse effects (E800-E949)	774	30.4
6	Chronic obstructive pulmonary disease and allied conditions (490-496)	640	25.2
7	Diabetes mellitus (250)	454	17.8

The seven principal causes of death for males and females in 1988 are shown in Table 16. For males, the causes were the same and in the same rank order as in 1987. For females, the causes were also the same as in 1987; however, pneumonia and influenza and accidents and adverse effects, which were fourth and fifth, respectively, in 1988, were in reverse order in 1987. Of the six leading causes common to both sexes, death rates were higher for males than for females with the exception of cerebrovascular disease. Of the five leading causes for which death rates for the male population were higher than those for the female population, the greatest relative excess was for accidents and adverse effects where the rate for males was more than two times that for females.

Mortality by cause differed by age group and race. (See Table 17 for principal causes of death for eight age groups.) For the first four age groups, only five causes are shown due to the small numbers of deaths involved. For the four older age groups, the larger numbers of deaths make the listing of seven causes meaningful. Table III gives more detailed information regarding cause of death by race, sex, and age.

During 1988, there were 346 deaths of children 1-14 years of age with a rate of 34.7 per 100,000 population. There were 252 deaths among white children with a rate of 32.6 per 100,000 white population and 94 deaths among children of all other races with a rate of 41.9. Accidents and adverse effects was the leading cause of death for children of all races in this age group as well as for children of both racial groups. For white children 1-14 years of age, there were 134 deaths from accidents or 53.2 percent of the total white deaths; 49 deaths or 52.1 percent of the total deaths of races other than white were from this cause. Malignant neoplasms ranked as the second leading cause of death for children of all races and white children in this age group, followed by congenital anomalies, and

TABLE 17. PRINCIPAL CAUSES OF DEATH FOR EIGHT AGE GROUPS WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA: TENNESSEE, 1988

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
1-14 Years						
All causes	346	34.7	252	32.6	94	41.9
1 Accidents and adverse effects (E800-E949)	183	18.3	134	17.3	49	21.8
2 Malignant neoplasms (140-208)	28	2.8	23	3.0	5	2.2
3 Congenital anomalies (740-759)	24	2.4	19	2.5	5	2.2
4 Homicide and legal intervention (E960-E978)	13	1.3	6	0.8	7	3.1
5 Diseases of heart (390-398, 402, 404-429)	8	0.8	4	0.5	4	1.8
5 Suicide (E950-E959)	8	0.8	8	1.0	-	
15-24 Years						
All causes	858	113.1	671	110.8	187	122.3
1 Accidents and adverse effects (E800-E949)	493	65.0	437	72.2	56	36.6
2 Homicide and legal intervention (E960-E978)	103	13.6	36	5.9	67	43.8
3 Suicide (E950-E959)	90	12.3	81	13.4	12	7.8
4 Malignant neoplasms (140-208)	39	5.1	27	4.5	12	7.8
5 Diseases of heart (390-398, 402, 404-429)	23	3.0	10	1.7	13	8.5
25-34 Years						
All causes	1,178	140.0	827	120.8	351	223.4
1 Accidents and adverse effects (E800-E949)	406	48.3	330	48.2	76	48.4
2 Homicide and legal intervention (E960-E978)	197	23.4	84	12.3	113	71.9
3 Suicide (E950-E959)	137	16.3	115	16.8	22	14.0
4 Malignant neoplasms (140-208)	88	10.5	65	9.5	23	14.6
5 Diseases of heart (390-398, 402, 404-429)	85	10.1	52	7.6	33	21.0
35-44 Years						
All causes	1,570	219.0	1,197	198.2	373	330.2
1 Malignant neoplasms (140-208)	370	51.6	300	49.7	70	62.0
2 Accidents and adverse effects (E800-E949)	290	40.5	249	41.2	41	36.3
3 Diseases of heart (390-398, 402, 404-429)	284	39.6	196	32.5	88	77.9
4 Suicide (E950-E959)	103	14.4	92	15.2	11	9.7
5 Homicide and legal intervention (E960-E978)	92	12.8	46	7.6	46	40.7
45-64 Years						
All causes	8,675	901.8	7,081	845.8	1,592	1275.2
1 Malignant neoplasms (140-208)	2,940	305.6	2,485	296.8	455	364.4
2 Diseases of heart (390-398, 402, 404-429)	2,795	290.5	2,234	266.9	560	448.5
3 Cerebrovascular disease (430-438)	399	41.5	292	34.9	107	85.7
4 Chronic obstructive pulmonary disease and allied conditions (490-496)	373	38.8	335	40.0	38	30.4
5 Accidents and adverse effects (E800-E949)	372	38.7	321	38.3	50	40.0
6 Chronic liver disease and cirrhosis (571)	178	18.5	151	18.0	27	21.6
7 Suicide (E950-E959)	176	18.3	170	20.3	6	4.8
65-74 Years						
All causes	10,457	3042.5	8,796	2910.7	1,660	1329.6
1 Diseases of heart (390-398, 402, 404-429)	3,747	1060.2	3,151	1042.7	595	476.6
2 Malignant neoplasms (140-208)	3,123	908.6	2,671	883.9	452	362.0
3 Cerebrovascular disease (430-438)	655	190.6	505	167.1	150	120.1
4 Chronic obstructive pulmonary disease and allied conditions (490-496)	585	170.2	535	177.0	50	40.0
5 Pneumonia and influenza (480-487)	228	66.3	195	64.5	33	26.4
6 Diabetes mellitus (250)	222	64.6	172	56.9	50	40.0
7 Accidents and adverse effects (E800-E949)	219	63.7	184	60.9	35	28.0
75-64 Years						
All causes	12,901	6812.0	11,054	6091.8	1,846	7605.8
1 Diseases of heart (390-398, 402, 404-429)	5,186	2690.3	4,356	2550.3	719	2962.4
2 Malignant neoplasms (140-208)	2,445	1291.0	2,052	1248.8	383	1578.0
3 Cerebrovascular disease (430-438)	1,386	731.8	1,162	700.8	224	922.9
4 Pneumonia and influenza (480-487)	571	301.5	504	306.2	67	276.0
5 Chronic obstructive pulmonary disease and allied conditions (490-496)	570	301.0	533	322.8	37	152.4
6 Accidents and adverse effects (E800-E949)	259	136.8	229	138.7	30	123.6
7 Diabetes mellitus (250)	199	105.1	152	92.1	47	193.6
85 Years and Over						
All causes	8,977	12565.8	7,840	12812.6	1,137	11279.8
1 Diseases of heart (390-398, 402, 404-429)	3,951	5543.7	3,476	5690.7	475	4712.3
2 Cerebrovascular disease (430-438)	1,227	1721.6	1,061	1737.9	166	1646.8
3 Malignant neoplasms (140-208)	859	1205.3	713	1167.2	146	1448.4
4 Pneumonia and influenza (480-487)	658	923.2	584	956.4	74	734.1
5 Chronic obstructive pulmonary disease and allied conditions (490-496)	201	282.0	192	313.8	9	89.3
5 Atherosclerosis (440)	201	282.0	178	291.5	23	228.2
7 Accidents and adverse effects (E800-E949)	181	254.0	160	261.5	21	208.3

Totals may include one or more deaths with race unknown.

homicide and legal intervention. Diseases of heart tied with suicide as the fifth leading cause of death for all races, while suicide ranked fourth for white children. For races other than white in this age group, homicide and legal intervention ranked as the second leading cause of death with malignant neoplasms and congenital anomalies tied as the third leading cause of death, followed by diseases of heart.

Accidents and adverse effects was the leading cause of death in the 15-24 year age group with 493 or 57.5 percent of the 858 deaths. Homicide and legal intervention was the second leading cause of death, followed by suicide, malignant neoplasms, and diseases of heart. It is noteworthy that 80.3 percent of all deaths in this age group were from external causes which are potentially preventable.

For the age group 25-34 years, the five leading causes of death were the same and in the same rank order as for the preceding age group. With the exception of the rate for accidents and adverse effects, death rates for the leading causes in this age group were higher than those for the age group 15-24 years. In this age group, 62.8 percent of the deaths were from external causes.

The five principal causes of death in the age group 35-44 years, were the same as those for the two preceding age groups but in a different rank order. Malignant neoplasms was the leading cause of death for this age group followed by accidents and adverse effects, diseases of heart, suicide, and homicide and legal intervention. In contrast to the 15-24 year age group, only 30.9 percent of the deaths in the 35-44 year age group were from external causes. Deaths from external causes accounted for over one-half of deaths of persons 1-44 years of age.

In the age group 45-64 years, the leading cause of death was malignant neoplasms, accounting for 2,940 or 33.9 percent of deaths in this age group. Diseases of heart ranked second with 32.2 percent, followed by cerebrovascular disease and chronic obstructive pulmonary disease and allied conditions. Accidents and adverse effects and chronic liver disease and cirrhosis ranked fifth and sixth, respectively, for ages 45-64 years. Suicide was the seventh leading cause of death for this age group in 1988.

Diseases of heart was the leading cause of death in the 65-74 year age group with 3,747 deaths or 35.8 percent followed by malignant neoplasms with 3,123 or 29.9 percent. Cerebrovascular disease ranked third followed by chronic obstructive pulmonary disease and allied conditions, pneumonia and influenza, diabetes mellitus, and accidents and adverse effects.

For the age group 75-84 years, diseases of heart ranked first for the leading cause of death with a total of 5,095 deaths or 39.5 percent. Malignant neoplasms with 2,445 deaths or 19.0 percent of deaths ranked second, followed by cerebrovascular disease, pneumonia and influenza, chronic obstructive pulmonary disease and allied conditions, accidents and adverse effects, and diabetes mellitus.

For the age group 85 years and over, 3,951 or 44.0 percent were attributed to diseases of heart. Cerebrovascular disease and malignant neoplasms ranked second and third, respectively, in the 85 years and over age group, just the reverse order of the two previous age groups. Pneumonia and influenza ranked fourth followed by chronic obstructive pulmonary disease and allied conditions, atherosclerosis, accidents and adverse effects, and diabetes mellitus.

Diseases of Heart: Diseases of heart, the leading cause of death for the State in 1988, accounted for 16,010 deaths, corresponding to a rate of 323.0 per 100,000 population. The number of deaths in 1988 and showed an increase of 1.5 percent over the 15,779 deaths in 1987, while the rate increased by only 0.4 percent from the 1987 rate of 321.7. Of the total number of deaths reported to be due to diseases of heart in 1988, there were 10,500 deaths or 65.6 percent classified as ischemic heart disease.

Malignant Neoplasms: Malignant neoplasms, the second leading cause of mortality of residents of Tennessee in 1988, was responsible for 9,894 deaths or a rate of 199.6 per 100,000 population. The number of deaths in 1988 reflected a 1.1 percent decrease from the 10,004 deaths in 1987; and the death rate in 1988 showed a decrease of 2.2 percent from the rate of 204.0 for the preceding year. The white population experienced 8,347 deaths from this cause corresponding to a rate of 204.1, while deaths of persons of other races numbered 1,547 with a rate of 178.7. Comparable death rates for the white population and the population of races other than white in 1987 were

205.3 and 197.9, respectively; thus, the death rate for whites decreased 0.6 percent from 1987 to 1988 and that for persons of other races decreased 9.7 percent.

TABLE 18. NUMBER OF DEATHS FROM MALIGNANT NEOPLASMS ACCORDING TO PRIMARY SITE WITH RATES PER 100,000 POPULATION BY RACE, RESIDENT DATA, TENNESSEE, 1988

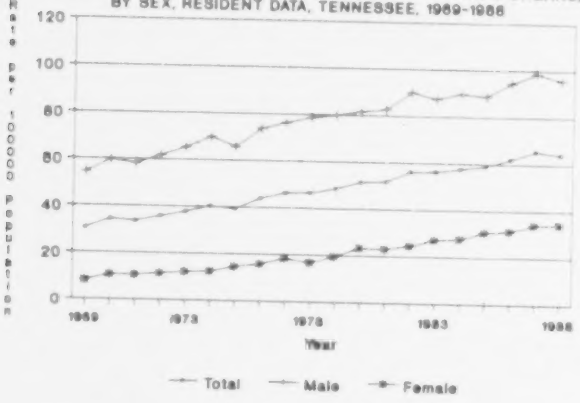
Primary Site	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Total	9,894	199.4	8,347	204.1	1,547	178.7
Lip, oral cavity, and pharynx (140-149)	157	3.2	136	3.3	21	2.4
Digestive organs and peritoneum (150-159)	2,182	44.0	1,795	43.9	387	44.7
Respiratory and intrathoracic organs (160-165)	3,179	64.1	2,742	67.0	437	50.5
Breast (174-175)	812	16.4	680	16.6	132	15.2
Uterus (179-182)##	245	9.8	201	9.6	44	9.8
Other female genital organs (183-184)##	277	10.9	249	11.9	28	6.2
Male genital organs (185-187)##	628	26.0	476	23.8	152	36.6
Urinary organs (188-189)	379	7.6	324	7.9	55	6.4
Skin (172-173)	175	3.5	150	3.9	15	1.7
Brain (191)	254	5.1	230	5.6	24	2.8
Other and unspecified (170, 171, 190, 192-199)	725	14.6	593	14.4	134	15.5
Leukemia (204-208)	330	6.7	282	6.9	48	5.5
Other lymphatic and hematopoietic tissue (200-203)	551	11.1	481	11.8	70	8.1

##Rate per sex-specific population

Mortality from malignant neoplasms varied according to primary site (as shown in Table 18). In 1988, the most frequently stated primary site was the respiratory and intrathoracic organs for which the death rate of 64.1 per 100,000 population reflected a 2.1 percent decrease from the comparable rate of 65.5 in 1987. The digestive organs and peritoneum, for which the death rate in 1988 was 44.0, ranked second and showed a decrease of 6.2 percent from the rate of 46.9 for the preceding year. These two sites accounted for 5,361 deaths or 54.2 percent of all deaths from malignant neoplasms in 1988. In 1988 as in 1987, for the sites skin and brain, the white rates were substantially higher than the rates for other races. For the site male genital organs, the rates for all other races were substantially higher than the rates for whites in 1988 and 1987.

The mortality rates for malignant neoplasms for most of the major primary sites have remained relatively stable over the 20-year period 1969-1988 (Table II). For the site respiratory and intrathoracic organs, however, large increases have been noted (Figure 4). The total malignant neoplasm death rate for respiratory and intrathoracic organs increased by 110.2 percent from 30.5 per 100,000 population in 1969 to 64.1 in 1988. The female mortality rate for this site increased by 322.2 percent in the 20 years from a rate of 8.1 to a rate of 34.2 per 100,000 female population, while the comparable male mortality rate increased by 75.6 percent, from a rate of 54.5 to a rate of 95.7 per 100,000 male population.

FIGURE 4. DEATH RATES PER 100,000 POPULATION FOR MALIGNANT NEOPLASMS OF THE RESPIRATORY AND INTRATHORACIC ORGANS, BY SEX, RESIDENT DATA, TENNESSEE, 1969-1988



Cerebrovascular Disease: In 1988, deaths from cerebrovascular disease, the third principal cause of death, numbered 3,761, corresponding to a rate of 75.9 per 100,000 population. Among the white population, deaths from this cause numbered 3,072 with a rate of 75.1; among those of all other races, there were 689 deaths with a rate of 79.6. The death rate for the white population showed a decrease of 4.1 percent, while the rate for races other than white increased 9.6 percent from the comparable rate for 1987.

For the years 1969-1988, the death rate for cerebrovascular disease has been higher for white females than white males. Beginning in 1980, females of other races have had a higher death rate than their male counterparts.

Accidents and Adverse Effects: Accidents and adverse effects, the fourth principal cause of death, resulted in the deaths of 2,435 Tennessee residents during 1988, corresponding to a rate of 49.1 per 100,000 population. The number of deaths showed an increase of 4.3 percent from the 2,334 deaths in 1987, while the rate decreased 3.2 percent from the rate of 47.6 for the preceding year.

The death rate for males was about two times that for females in both racial groups. The excess mortality in males over females was observed in every age group for both racial groups. The increased mortality from accidents among young people, particularly white males 15-34 years of age, is associated with the high incidence of motor vehicle accidents.

TABLE 19. NUMBER OF DEATHS FROM ACCIDENTS AND ADVERSE EFFECTS ACCORDING TO TYPE OF ACCIDENT WITH RATES PER 100,000 POPULATION, RESIDENT DATA, TENNESSEE, 1988

Type of Accident	Deaths	
	Number	Rate
Total	2,435	49.1
Motor vehicle (E810-E825)	1,288	26.0
Water transportation (E830-E838)	17	0.3
Air and space transportation (E840-E845)	22	0.4
Other transport (E800-E807, E826-E829, E846-E848)	11	0.2
Poisoning by drugs, medicaments, and biologicals (E850-E858)	81	1.6
Poisoning by other solid and liquid substances, gases, and vapors (E860-E869)	31	0.6
Falls (E880-E888)	251	5.1
Fire and flames (E890-E899)	172	3.5
Natural and environmental factors (E900-E909)	39	0.8
Drowning and submersion (E910)	89	1.8
Suffocation by food or other object (E911-E912)	129	2.6
Mechanical suffocation (E913)	21	0.4
Struck by falling object (E916)	28	0.6
Machinery (E919)	22	0.4
Firearm missile (E922)	74	1.5
Electric current (E925)	16	0.3
Other (E870-E876, E878-E879, E914-E915, E917-E918, E920-E921, E923-E924, E926-E949)	144	2.9

Comparison of mortality from accidents and adverse effects by race and sex, as shown in Table II, indicates that the death rate for white males, all ages combined, was 11.5 percent higher than the comparable rate for males of other races. The death rate for white females, all ages combined, was 26.9 percent higher than the rate for females of other races.

Data on mortality from accidents and adverse effects according to type of accident in 1988 are given in Table 19. There were 1,288 deaths due to motor vehicle accidents. The next three most frequently reported types of fatal accidents were: falls, 251; fire and flames, 172, and suffocation by food or other object, 129.

TABLE 20. NUMBER OF DEATHS FROM ACCIDENTS AND ADVERSE EFFECTS BY CLASS OF ACCIDENT WITH PERCENTAGES, RESIDENT DATA, TENNESSEE, 1988

Class of Accident	Number	Percent
Total	2,435	100.0
Home	446	18.3
Motor vehicle	1,288	52.9
Occupational	61	2.5
Other public	364	14.9
Unspecified or unknown	276	11.3

In Table 20, the distribution of accidental deaths is shown according to class of accident. Motor vehicles accounted for 52.9 percent of all accidental deaths: home accidents, 18.3 percent; other public, 14.9 percent; occupational, 2.5 percent; and unspecified accidents, 11.3 percent. In addition to the 61 deaths from occupational accidents, there were 39 deaths from accidents which were classified as motor vehicle or other transportation that occurred during the course of gainful employment. Thus, the total number of occupational accidental deaths was 100.

Average annual death rates for each class of accident by age for 1986-1988 are given in Table 21. The risk of a fatal home accident was comparatively greater for children under 5 years of age and for persons 65 years of age and over. Death rates for motor vehicle accidents were highest for young persons 15-24 years of age.

TABLE 21. AVERAGE ANNUAL DEATH RATES PER 100,000 POPULATION FOR ACCIDENTS AND ADVERSE EFFECTS ACCORDING TO CLASS OF ACCIDENT, BY AGE. RESIDENT DATA. TENNESSEE. 1986-1988

Age Group	Home	Motor Vehicle	Occupational	Other Public
All ages	8.7	26.3	1.5	7.5
Under 5 years	12.5	7.2	-	2.9
5-9 years	3.8	6.8	-	1.6
10-14 years	5.0	10.6	-	2.7
15-19 years	4.1	52.7	0.9	5.1
20-24 years	3.8	52.5	1.6	7.4
25-29 years	4.9	37.4	2.2	6.5
30-34 years	6.0	30.1	2.3	5.7
35-44 years	5.2	23.3	2.1	5.2
45-54 years	5.4	19.8	2.4	5.3
55-64 years	9.8	18.9	2.2	6.5
65-74 years	14.6	26.4	1.4	11.5
75-84 years	38.9	15.2	1.1	34.7
85 years and over	73.4	26.5	1.5	75.4

Home Accidents: Data regarding deaths from home accidents by type and race are given in Table 22. Home accidents took the lives of 446 Tennessee residents in 1988, yielding a death rate of 9.0 per 100,000 population. Of these, 333 deaths were of white persons and 113 were of persons of other races with death rates of 8.1 and 13.0, respectively. Thus, the risk of mortality from home accidents was 60.5 percent greater for persons of races other than white.

TABLE 22. NUMBER OF DEATHS FROM HOME ACCIDENTS ACCORDING TO TYPE OF ACCIDENT WITH RATES PER 100,000 POPULATION, BY RACE. RESIDENT DATA. TENNESSEE. 1988

Type of Accident	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Total	446	9.0	333	8.1	113	13.0
Poisoning	47	0.9	36	0.9	11	1.3
Falls	110	2.2	98	2.4	12	1.4
Fire and flames	156	3.1	100	2.4	56	6.5
Drowning	17	0.3	13	0.3	4	0.5
Suffocation by food or other object	27	0.5	25	0.6	2	0.2
Mechanical suffocation	11	0.2	4	0.1	7	0.8
Firearm missile	36	0.7	25	0.6	11	1.3
Other	42	0.8	32	0.8	10	1.2

The most frequently reported type of home accident was fire and flames with 156 deaths; falls ranked second with 110 deaths. Together, these two types of accidents accounted for 59.6 percent of all home accidents.

Differences in the risk of mortality between the white population and the population of races other than white varied according to type of home accident. Death rates for the white population were higher for falls and suffocation by food or other object. Other races had a mortality rate over two and one-half times that of whites for deaths due to fire and flames.

Motor Vehicle Accidents: There were 1,288 deaths of Tennessee residents due to motor vehicle accidents, or 26.0 per 100,000 population. The number of deaths was 0.8 percent lower than the comparable figure of 1,298 in 1987.

Most of the fatalities, 97.4 percent, occurred on public highways and rights-of-way. In 539 or 41.8 percent of the total motor vehicle deaths, there was a collision with another motor vehicle, and in an additional 8.4 percent or 108 deaths, there was a collision with a pedestrian. Deaths resulting from noncollision accidents on public highways accounted for 202 deaths or 15.7 percent of the total motor vehicle deaths, and the majority of these were due to loss of control of the vehicle.

Of the 1,069 deaths of occupants of motor vehicles involved in traffic accidents in 1988, 720 or 64.4 percent were not using a seatbelt. In 139 or 13.0 percent of the deaths, the seatbelt was used. For the remaining 210 or 19.6 percent of the deaths, it was unknown if seatbelts were in use.

In 1988, motor vehicle accidents to Tennessee residents caused 3.0 deaths per 10,000 registered vehicles, compared with 3.2 in 1987.

Chronic Obstructive Pulmonary Disease and Allied Conditions: Chronic obstructive pulmonary disease and allied conditions, which ranked as the fifth principal cause of death in 1988, accounted for 1,750 deaths, giving a death rate of 35.3 per 100,000 population. The rate was 7.6 percent higher than the rate of 32.8 for this group of causes in 1987. The death rate of 39.3 for the white population was almost two and one-half times higher than the rate of 16.6 for the population of races other than white. The rate for

males of all races was nearly twice that of their female counterparts. Of the 1,750 deaths from this group of causes, 1,303 were assigned to chronic airways obstruction, not elsewhere classified, 284 to emphysema, 79 to asthma, 69 to bronchitis, and 15 to bronchiectasis.

Pneumonia and Influenza: The sixth principal cause of death, pneumonia and influenza, was the cause of 1,621 deaths of Tennessee residents in 1988, corresponding to a rate of 32.7 per 100,000 population. The death rate for this cause in 1988 showed an increase of 17.6 percent over the comparable rate of 27.8 in 1987. This cause accounted for 1,404 deaths in the white population, while 217 deaths were reported in the population of races other than white.

Twenty-eight Tennessee residents died from influenza in 1988, an increase over the eight deaths reported in 1987. The influenza death rate of 0.6 was an increase of 200.0 percent over the rate of 0.2 in 1987. Of the 28 deaths from influenza in 1988, 27 occurred to persons 65 years of age and over. In 1987, six of the eight deaths from influenza were in the 65 years and over age group.

During 1988, all 28 deaths from influenza occurred during the first 3 months of the year (January, 3 deaths; February, 11 deaths; and March, 14 deaths).

Pneumonia was responsible for 98.3 percent of all deaths attributed to pneumonia and influenza. The 1,593 deaths due to pneumonia in 1988 represented a 17.7 percent increase relative to the 1,353 deaths in 1987, while the rate of 32.1 in 1988 increased by 16.3 percent from the rate of 27.6 in 1987.

Diabetes Mellitus: In 1988, there were 725 deaths of Tennessee residents due to diabetes mellitus, the seventh leading cause of death, corresponding to a rate of 14.6 per 100,000 population. The number of deaths showed an increase of 3.4 percent over the 701 deaths in 1987, while the rate increased 2.1 percent over the rate of 14.3. In 1988, of the 725 deaths, 558 were white and 167 were other races. The death rate of 19.3 for races other than white was 41.9 percent higher than the rate of 13.6 for the white population.

Suicide: There were 662 deaths of Tennessee residents stated to be by suicide in 1988 with a rate of 13.4 per 100,000 population. The number of suicides represented an increase of 6.3 percent over the 623 suicides in 1987, while the rate showed an increase of 5.5 percent over the rate of 12.7 in 1987. The death rate of 14.7 for the white population was over twice that of 6.8 for other races. Also, the death rate of 22.3 from suicide for males was over four and one-half times the comparable rate of 4.8 for females in 1988.

Homicide and Legal Intervention: In 1988, there were 509 deaths by homicide and legal intervention with a rate of 10.3 per 100,000 population. The number of homicides represented an increase of 2.8 percent over the 495 homicides in 1987, while the rate showed an increase of 2.0 percent from the rate of 10.1 in 1987. The rate of 31.1 for races other than white was over five times higher than the white rate of 5.9.

Of the homicides, 351 or 69.0 percent of these deaths were due to firearms, which was an increase of 6.7 percent over 1987. The rate of 7.1 per 100,000 population in 1988 showed an increase of 6.0 percent over the rate of 6.7 in 1987. The death rate of 5.9 for white males in 1988 decreased 10.6 percent from the rate of 6.6 in 1987. In contrast, the 1988 rate of 38.7 for males of races other than white increased 7.8 percent from the rate of 35.9 for the preceding year.

Of the 509 deaths from homicide and legal intervention in 1988, deaths of 2 white males were attributed to legal intervention. This is the same number of white male deaths as in 1987.

Nephritis, Nephrotic Syndrome, and Nephrosis: In 1988, there were 433 deaths from nephritis, nephrotic syndrome, and nephrosis corresponding to a rate of 8.7 per 100,000 population. Among the white population, deaths from this cause numbered 312 with a rate of 7.6; among those of other races, there were 121 deaths with a rate of 14.0. The death rate for the white population decreased 8.4 percent from the rate of 8.3 in 1987, while the rate for races other than white decreased 13.6 percent from the rate of 16.2 in 1987.

Atherosclerosis: In 1988, there were 416 deaths due to atherosclerosis corresponding to a rate of 8.4 per 100,000 population. For the white population, the rate of 10.5 per 100,000 population for females was 41.9 percent higher than the rate of 7.4 for males. For the population of races other than white, the rate of 5.8 for females was 5.5 percent higher than the rate of 5.5 for males. The rate for all races combined of 9.7 for females in 1988 showed an increase of 18.3 percent from the rate of 8.2 in 1987, while the male rate of 7.0 increased by 18.6 percent from the 1987 rate of 5.9. In 1988, there were only 7 deaths from atherosclerosis occurring to persons under 55 years of age in contrast to 201 deaths to persons aged 85 years and over.

Chronic Liver Disease and Cirrhosis: In 1988, there were 413 deaths from chronic liver disease and cirrhosis with a rate of 8.3 per 100,000 population. Of those who died from this cause, 351 were white corresponding to a rate of 8.6, and 62 were of races other than white with a rate of 7.2. The death rate of 6.2 for the white population did not change from 1987 to 1988. The rate of 7.2 for the population of races other than white decreased 1.4 percent from the rate of 7.3 for the preceding year.

Acute Infectious and Parasitic Diseases: There were six deaths attributed to meningococcal infection and one death to viral encephalitis. Other deaths due to infectious diseases included: septicemia, 297; viral hepatitis, 31; Rocky Mountain spotted fever, 3; syphilis, 2; and amebiasis, 1. There were no deaths attributed to shigellosis, whooping cough, or measles.

Human Immunodeficiency Virus (HIV) Infection: During 1988, there were 110 deaths (72 whites, 38 of other races) reported from the human immunodeficiency virus (HIV) infection, more commonly referred to as AIDS. The rate was 2.2 per 100,000 population. In 1987, there were 69 deaths with a rate of 1.4 per 100,000 population.

Males accounted for 96.4 percent of the deaths due to AIDS in 1988. Of these 106 males, 79 were aged 25-44 years. The four females who died from AIDS were in the group 25-34 years old.

Beginning with data for 1987, the National Center for Health Statistics (NCHS) introduced new category numbers *042-*044 for classifying and coding the human immunodeficiency virus (HIV) infection. The asterisk before the category numbers indicates that these codes are not part of the *Ninth Revision of the International Classification of Diseases* (ICD-9). During the period 1983-1986, the condition code 279.1 was used in accordance with instructions from the National Center for Health Statistics in consultation with World Health Organization officials. This code (279.1) was not unique for AIDS; other conditions were also included in the category. Caution should be exercised when comparing 1987 and 1988 data with previous years.

Tuberculosis: In 1988, the deaths of 60 Tennessee residents were reported to be due to tuberculosis, giving a death rate of 1.2 per 100,000 population. Of these deaths, 48 occurred in the white population and 12 in the population of races other than white. The death rates were 1.2 for whites and 1.4 for all other races; comparable rates for tuberculosis in 1987 were 0.9 and 1.5, respectively. Mortality from

tuberculosis was higher for males of both racial groups than for females. There was only 1 death from tuberculosis in 1988 occurring to a person under 45 years of age, in contrast to 45 deaths to persons aged 65 years and over.

Marriages: In 1988, the 43rd year for which data for marriages have been analyzed and included in the *Vital Statistics Bulletin*, 65,326 marriages were recorded in Tennessee Table 23. This represented an increase of 6.5 percent over the 61,358 marriages recorded in 1987 and is the third year an increase in the number of marriages was recorded. Effective July 1, 1985 the State law requiring a pre-marital medical examination was repealed. This change may have contributed to the increase in number of marriages in Tennessee.

TABLE 23. NUMBER OF MARRIAGES RECORDED AND PERSONS MARRIED WITH RATES PER 1,000 POPULATION, TENNESSEE, 1979-1988

Year	Marriages Recorded	Persons Married Number	Rate
1979	59,152	118,304	26.1
1980	59,176	118,352	25.8
1981	60,058	120,116	25.9
1982	57,891	115,782	24.7
1983	56,467	112,934	23.9
1984	55,203	110,406	23.4
1985	54,997	109,994	22.9
1986	59,730	119,460	24.6
1987	61,358	122,716	25.0
1988	65,326	130,652	26.4

During 1988, of the 65,326 marriages recorded in Tennessee, 41.5 percent occurred in 5 counties: Davidson, 6,052; Hamilton, 3,056; Knox, 3,512; Shelby, 8,751; and Sevier (resort town of Gatlinburg), 5,767.

TABLE 24. NUMBER OF MARRIAGES ACCORDING TO PREVIOUS MARITAL STATUS OF BRIDE AND GROOM, RECORDED DATA, TENNESSEE, 1988

Groom	Total	Bride Single	Widowed	Divorced	Unknown
Total	65,326	34,249	2,569	28,038	470
Single	34,879	26,952	316	7,463	148
Widowed	2,079	198	923	952	6
Divorced	28,042	7,033	1,324	19,593	92
Unknown	326	66	6	30	224

In 1988, the most frequently stated age at marriage was 18 years for the bride and 23 years for the groom.

Data regarding the previous marital status of the bride and groom are shown in Table 24. In 41.3 percent of the marriages, both the bride and groom were marrying for the first time, while in 34.9 percent of the marriages, both the bride and groom had been previously married.

Divorces: In 1988, the 43rd consecutive year for which data for divorces have been analyzed and included in the *Vital Statistics Bulletin*, 31,287 divorces were recorded in Tennessee. This represented an increase of 3.2 percent over the 30,324 divorces in 1987. There were 62,574 persons granted divorces in 1988, giving a divorce rate of 12.6 divorced persons per 1,000 population.

TABLE 25. NUMBER OF DIVORCES RECORDED AND PERSONS DIVORCED WITH RATES PER 1,000 POPULATION, TENNESSEE, 1979-1988

Year	Divorces Recorded	Persons Divorced Number	Rate
1979	29,792	59,584	13.1
1980	30,283	60,566	13.2
1981	31,135	62,270	13.4
1982	29,765	59,530	12.7
1983	29,418	58,836	12.4
1984	29,697	59,394	12.6
1985	29,860	59,720	12.4
1986	30,031	60,062	12.4
1987	30,324	60,648	12.4
1988	31,287	62,574	12.6

Table 25 shows that during the years 1979-1981, the divorce rates experienced an upward trend with rates ranging from 13.1 to 13.4 divorced persons per 1,000 population. From 1981 to 1983, the rates declined then increased slightly in 1984. Between 1985 and 1987, the rate of 12.4 remained unchanged, but in 1988, increased to 12.6 per 1,000 population.

Of the 31,287 divorces, 3.4 percent or 1,062 were obtained within the first year of marriage, and 48.4 percent or

15,154 were granted to couples who were married 5 years or less. Divorces were granted to 3,216 couples or 10.3 percent who had been married 20 years or more. No minor children were involved in 47.3 percent or 14,798 of the divorces; for another 25.9 percent or 8,094 of the divorces, only 1 minor child was involved.

Many factors need to be considered in the interpretation of these divorce statistics. The number of divorces that occurs in a calendar year cannot be related to the number of marriages that occurs in the same time period. The marriages that end in divorce have occurred at various times and in various states.

SUMMARY

SUMMARY OF TENNESSEE RESIDENT VITAL STATISTICS FOR 1988

Population	Total	4,956,346	The total population increased by 1.1 percent.
	White	4,090,426	
	Other Races	865,920	
Live Births			The number, birth rate, and fertility rate increased over 1987.
Number		70,685	
Birth Rate		14.3	
Fertility Rate (per 1,000 females 15-44)		61.4	
Fetal Deaths			The number increased, but the ratio remained the same as in 1987.
Number		472	
Ratio		6.7	
Births to Teenage Mothers (10-17)			The number increased, but the percentage remained the same as in 1987.
Number		4,753	
Percent		6.7	
Induced Abortions			Although the number increased from 1987, the ratio per 1,000 live births decreased slightly.
Number		19,305	
Ratio		273.1	
Total Pregnancies (women 10-49)			The rates were higher for women of other races than for whites.
Number		90,462	
Rate		61.9	
Infant Deaths			Both the number and rate decreased from 1987. The rate was a record low.
Number		762	
Rate		10.8	
Maternal Deaths			Both the number and rate increased over 1987.
Number		8	
Rate		1.1	
Deaths			Comparison of crude death rates showed rates for other races were lower than whites.
Number		45,728	
Rate		9.2	
Malignant Neoplasms			Malignant neoplasms remained the second leading cause of death, but reflected a slight decrease in number and rate from 1987.
Number		9,894	
Rate		199.6	
Deaths From Motor Vehicle Accidents			Motor vehicle accidents were responsible for 52.9 percent of all accidental deaths.
Number		1,288	
Rate		26.0	
Marriages			The number of marriages increased for the third consecutive year.
Number		65,326	
Rate		26.4	
Divorces			The divorce rate reflected a slight increase in 1988.
Number		31,287	
Rate		12.6	

TABLE I. POPULATION, BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION, FETAL DEATHS WITH RATIOS PER 1,000 LIVE BIRTHS, AND INFANT AND NEONATAL DEATHS WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RECORDED AND RESIDENT DATA, TENNESSEE, 1969-1988

Year	Estimated Population			Live Births						Deaths					
				All Races		White		All Other Races		All Races		White		All Other Races	
	All Races	White	All Other Races	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Recorded															
1969	3,896,939	3,270,216	626,723	73,156	18.8	57,678	17.6	15,478	24.7	39,925	10.2	32,113	9.8	7,812	12.5
1970	3,926,018	3,297,216	628,802	75,708	19.3	59,349	18.0	16,359	26.0	40,236	10.2	32,581	9.9	7,654	12.2
1971	4,010,049	3,373,279	636,770	74,948	18.7	58,700	17.4	16,247	25.5	40,054	10.0	32,473	9.6	7,581	11.9
1972	4,087,692	3,442,625	645,067	69,473	17.0	54,125	15.7	15,346	23.8	41,614	10.2	33,905	9.8	7,709	12.0
1973	4,138,358	3,491,858	646,500	67,789	16.4	52,463	15.0	15,323	23.7	42,230	10.2	34,323	9.8	7,902	12.2
1974	4,201,224	3,547,875	653,349	67,882	16.2	52,763	14.9	15,119	23.1	41,813	10.0	34,168	9.6	7,643	11.7
1975	4,260,910	3,603,663	657,247	65,752	15.4	50,856	14.1	14,895	22.7	40,967	9.6	33,521	9.3	7,445	11.3
1976	4,328,913	3,668,603	660,310	65,644	15.2	50,916	13.9	14,725	22.3	41,319	9.5	34,065	9.3	7,252	11.0
1977	4,402,111	3,737,934	664,177	69,983	15.9	54,421	14.6	15,561	23.4	41,492	9.4	34,170	9.1	7,322	11.0
1978	4,461,825	3,794,296	667,529	70,202	15.7	53,861	14.2	16,333	24.5	41,106	9.2	34,026	9.0	7,080	10.6
1979	4,533,370	3,859,505	673,865	72,127	15.9	55,121	14.3	17,006	25.2	41,067	9.1	33,845	8.8	7,222	10.7
1980	4,591,120	3,835,452	755,668	72,867	15.9	55,753	14.5	17,110	22.6	43,153	9.4	35,461	9.2	7,690	10.2
1981	4,636,018	3,883,140	752,878	70,747	15.3	54,170	14.0	16,570	22.0	42,946	9.3	35,625	9.2	7,319	9.7
1982	4,680,958	3,930,902	750,056	71,092	15.2	54,771	13.9	16,317	21.8	42,893	9.2	35,456	9.0	7,436	9.9
1983	4,725,907	3,978,610	747,297	70,158	14.8	53,842	13.5	16,309	21.8	44,384	9.4	36,790	9.2	7,593	10.2
1984	4,716,832	3,961,371	755,461	69,713	14.8	53,552	13.5	16,155	21.4	45,093	9.6	37,476	9.5	7,615	10.1
1985	4,809,345	3,979,981	829,364	71,506	14.9	54,562	13.7	16,938	20.4	46,184	9.6	38,251	9.6	7,932	9.6
1986	4,855,651	4,014,667	840,984	70,784	14.6	53,897	13.4	16,882	20.1	47,218	9.7	39,217	9.8	8,001	9.5
1987	4,904,479	4,051,439	853,040	72,680	14.8	55,128	13.6	17,549	20.6	47,841	9.8	39,834	9.8	8,005	9.4
1988	4,956,346	4,090,426	865,920	75,595	15.3	56,846	13.9	18,740	21.6	48,761	9.8	40,667	9.9	8,094	9.3
Resident															
1969				69,921	17.9	55,133	16.9	14,788	23.6	37,832	9.7	30,441	9.3	7,391	11.8
1970				72,273	18.4	56,777	17.2	15,493	24.6	38,079	9.7	30,878	9.4	7,200	11.5
1971				71,202	17.8	56,075	16.6	15,125	23.8	37,783	9.4	30,671	9.1	7,112	11.2
1972				65,802	16.1	51,609	15.0	14,191	22.0	39,345	9.6	32,039	9.3	7,306	11.3
1973				64,303	15.5	50,113	14.4	14,187	21.9	39,724	9.6	32,319	9.3	7,394	11.4
1974				64,154	15.3	50,201	14.1	13,952	21.4	39,376	9.4	32,214	9.1	7,158	11.0
1975				62,265	14.6	48,453	13.4	13,808	21.0	38,522	9.0	31,504	8.7	7,013	10.7
1976				62,514	14.4	48,750	13.3	13,760	20.8	38,938	9.0	32,086	8.7	6,847	10.4
1977				66,632	15.1	52,110	13.9	14,521	21.9	39,080	8.9	32,110	8.6	6,970	10.5
1978				66,466	14.9	51,178	13.5	15,275	22.9	38,654	8.7	31,964	8.4	6,690	10.0
1979				68,326	15.1	52,303	13.6	16,021	23.8	38,712	8.5	31,837	8.2	6,875	10.2
1980				69,102	15.1	52,967	13.8	16,129	21.3	40,713	8.9	33,416	8.7	7,291	9.6
1981				67,050	14.5	51,429	13.2	15,614	20.7	40,480	8.7	33,533	8.6	6,941	9.2
1982				67,078	14.3	51,748	13.2	15,327	20.4	40,260	8.6	33,238	8.5	7,021	9.4
1983				65,465	13.9	50,469	12.7	14,989	20.1	41,604	8.8	34,438	8.7	7,161	9.6
1984				64,937	13.8	49,951	12.6	14,979	19.8	42,221	9.0	35,031	8.8	7,183	9.5
1985				66,730	13.9	50,989	12.8	15,735	19.0	43,176	9.0	35,729	9.0	7,444	9.0
1986				66,246	13.6	50,445	12.6	15,798	18.8	44,237	9.1	36,674	9.1	7,561	9.0
1987				67,942	13.9	51,410	12.7	16,528	19.4	44,884	9.2	37,307	9.2	7,572	8.9
1988				70,685	14.3	53,053	13.0	17,625	20.4	45,728	9.2	38,157	9.3	7,567	8.7

Totals of events may include items with race not stated.

TABLE I (Continued)-POPULATION, BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION, FETAL DEATHS WITH RATIOS PER 1,000 LIVE BIRTHS, AND INFANT AND NEONATAL DEATHS WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RECORDED AND RESIDENT DATA, TENNESSEE, 1969-1988

Year	Fetal Deaths						Infant Deaths						Neonatal Deaths					
	All Races		White		All Other Races		All Races		White		All Other Races		All Races		White		All Other Races	
	No.	*Ratio*	No.	*Ratio*	No.	*Ratio*	No.	*Rate*	No.	*Rate*	No.	*Rate*	No.	*Rate*	No.	*Rate*	No.	*Rate*
Recorded																		
1969	1,180	*16.1*	758	*13.1*	421	*27.2*	1,661	*22.7*	1,112	*19.3*	549	*35.5*	1,216	*16.6*	829	*14.4*	387	*25.0*
1970	1,202	*15.9*	801	*13.5*	401	*24.5*	1,650	*21.8*	1,140	*19.2*	510	*31.2*	1,260	*16.6*	900	*15.2*	360	*22.0*
1971	1,092	*14.6*	727	*12.4*	357	*22.0*	1,615	*21.5*	1,145	*19.5*	470	*28.9*	1,211	*16.2*	871	*14.8*	340	*20.9*
1972	981	*14.1*	665	*12.3*	314	*20.5*	1,536	*22.1*	1,033	*19.1*	503	*32.8*	1,140	*16.4*	773	*14.3*	367	*23.9*
1973	962	*14.2*	669	*12.8*	292	*19.1*	1,476	*21.8*	1,010	*19.3*	465	*30.3*	1,086	*16.0*	760	*14.5*	325	*21.2*
1974	932	*13.7*	642	*12.2*	286	*18.9*	1,253	*18.5*	845	*16.0*	408	*27.0*	936	*13.8*	635	*12.0*	301	*19.9*
1975	816	*12.4*	531	*10.4*	284	*19.1*	1,177	*17.9*	802	*15.8*	375	*25.2*	861	*13.1*	587	*11.5*	274	*18.4*
1976	814	*12.4*	551	*10.8*	263	*17.9*	1,136	*17.3*	759	*14.9*	377	*25.6*	825	*12.6*	557	*10.9*	268	*18.2*
1977	860	*12.3*	607	*11.2*	252	*16.2*	1,183	*16.9*	803	*14.8*	380	*24.4*	842	*12.0*	574	*10.5*	268	*17.2*
1978	755	*10.8*	504	*9.4*	251	*15.4*	1,126	*16.0*	763	*14.2*	363	*22.2*	816	*11.6*	546	*10.1*	270	*16.5*
1979	691	*9.6*	467	*8.5*	217	*12.8*	1,091	*15.1*	719	*13.0*	372	*21.9*	746	*10.3*	491	*8.9*	255	*15.0*
1980	650	*8.9*	418	*7.5*	232	*13.6*	1,075	*14.8*	715	*12.8*	360	*21.0*	743	*10.2*	496	*8.9*	247	*14.4*
1981	639	*9.0*	423	*7.8*	215	*13.0*	970	*13.7*	599	*11.1*	371	*22.4*	692	*9.8*	411	*7.6*	281	*17.0*
1982	581	*8.2*	396	*7.2*	184	*11.3*	938	*13.2*	615	*11.2*	323	*19.8*	646	*9.1*	422	*7.7*	224	*13.7*
1983	552	*7.9*	387	*7.2*	165	*10.1*	953	*13.6*	617	*11.5*	336	*20.6*	631	*9.0*	410	*7.6*	221	*13.6*
1984	532	*7.6*	383	*7.2*	149	*9.2*	897	*12.9*	563	*10.5*	334	*20.7*	609	*8.7*	377	*7.0*	232	*14.4*
1985	544	*7.6*	365	*6.7*	178	*10.5*	879	*12.3*	526	*9.6*	353	*20.8*	603	*8.4*	341	*6.2*	262	*15.5*
1986	512	*7.2*	329	*6.1*	181	*10.7*	823	*11.6*	510	*9.5*	313	*18.5*	530	*7.5*	339	*6.3*	191	*11.3*
1987	498	*6.9*	329	*6.0*	169	*9.6*	892	*12.3*	551	*10.0*	341	*19.4*	585	*8.0*	357	*6.5*	228	*13.0*
1988	508	*6.7*	301	*5.3*	207	*11.0*	861	*11.4*	501	*8.8*	360	*19.2*	533	*7.1*	309	*5.4*	224	*12.0*
Resident																		
1969	1,109	*15.9*	716	*13.0*	391	*26.4*	1,529	*21.9*	1,031	*18.7*	498	*33.7*	1,126	*16.1*	770	*14.0*	356	*24.1*
1970	1,117	*15.5*	765	*13.5*	352	*22.7*	1,540	*21.3*	1,061	*18.7*	479	*30.9*	1,173	*16.2*	839	*14.8*	334	*21.6*
1971	1,019	*14.3*	698	*12.4*	314	*20.8*	1,469	*20.6*	1,054	*18.8*	415	*27.4*	1,092	*15.3*	791	*14.1*	301	*19.9*
1972	902	*13.7*	632	*12.2*	268	*18.9*	1,384	*21.0*	925	*17.9*	459	*32.3*	1,021	*15.5*	687	*13.3*	334	*23.5*
1973	910	*14.2*	641	*12.8*	268	*18.9*	1,303	*20.3*	898	*17.9*	404	*28.5*	956	*14.9*	670	*13.4*	285	*20.1*
1974	887	*13.8*	618	*12.3*	265	*19.0*	1,110	*17.3*	756	*15.1*	354	*25.4*	828	*12.9*	570	*11.4*	258	*18.5*
1975	759	*12.2*	503	*10.4*	254	*18.4*	1,004	*16.1*	672	*13.9*	332	*24.0*	729	*11.7*	485	*10.0*	244	*17.7*
1976	756	*12.1*	515	*10.6*	241	*17.5*	1,007	*16.1*	674	*13.8*	333	*24.2*	724	*11.6*	491	*10.1*	233	*16.9*
1977	792	*11.9*	561	*10.8*	230	*15.8*	1,022	*15.3*	691	*13.3*	331	*22.8*	719	*10.8*	487	*9.3*	232	*16.0*
1978	695	*10.5*	463	*9.0*	232	*15.2*	981	*14.8*	664	*13.0*	317	*20.8*	691	*10.4*	461	*9.0*	230	*15.1*
1979	632	*9.2*	428	*8.2*	196	*12.2*	925	*13.5*	600	*11.5*	325	*20.3*	620	*9.1*	397	*7.6*	223	*13.9*
1980	600	*8.7*	390	*7.4*	210	*13.0*	929	*13.4*	625	*11.8*	304	*18.8*	626	*9.1*	424	*8.0*	202	*12.5*
1981	585	*8.7*	388	*7.5*	196	*12.6*	846	*12.6*	522	*10.1*	324	*20.8*	593	*8.8*	356	*6.9*	237	*15.2*
1982	523	*7.8*	358	*6.9*	164	*10.7*	804	*12.0*	519	*10.0*	285	*18.6*	532	*7.9*	339	*6.6*	193	*12.6*
1983	498	*7.6*	352	*7.0*	146	*9.7*	833	*12.7*	537	*10.6*	296	*19.7*	545	*8.3*	352	*7.0*	193	*12.9*
1984	486	*7.5*	350	*7.0*	136	*9.1*	768	*11.8*	491	*9.8*	277	*18.5*	516	*7.9*	319	*6.4*	197	*13.2*
1985	492	*7.4*	337	*6.6*	154	*9.8*	757	*11.3*	451	*8.8*	306	*19.4*	501	*7.5*	277	*5.4*	224	*14.2*
1986	466	*7.0*	296	*5.9*	167	*10.6*	726	*11.0*	437	*8.7*	289	*18.3*	456	*6.9*	281	*5.6*	175	*11.1*
1987	454	*6.7*	299	*5.8*	155	*9.4*	792	*11.7*	473	*9.2*	319	*19.3*	515	*7.6*	302	*5.9*	213	*12.9*
1988	472	*6.7*	273	*5.1*	199	*11.3*	762	*10.8*	438	*8.3*	324	*18.4*	458	*6.5*	258	*4.9*	200	*11.3*

Totals of events may include items with race not stated.

TABLE II-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX.
RESIDENT DATA, TENNESSEE, 1969-1988

Year	Total Deaths#											
	All Races		White				All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1969	37,832	9.7	30,441	9.3	17,367	10.9	13,073	7.8	7,391	11.8	4,003	13.6	3,388	10.2
1970	38,079	9.7	30,878	9.4	17,796	11.1	13,081	7.7	7,200	11.5	3,856	13.1	3,344	10.0
1971	37,783	9.4	30,671	9.1	17,427	10.6	13,242	7.6	7,112	11.2	3,898	13.1	3,214	9.5
1972	39,345	9.6	32,039	9.3	18,226	10.9	13,812	7.8	7,306	11.3	4,183	13.8	3,122	9.1
1973	39,724	9.6	32,319	9.3	18,350	10.8	13,967	7.8	7,394	11.4	4,062	13.4	3,331	9.7
1974	39,376	9.4	32,214	9.1	18,187	10.6	14,027	7.7	7,158	11.0	3,881	12.7	3,276	9.4
1975	38,522	9.0	31,504	8.7	17,752	10.1	13,752	7.4	7,013	10.7	3,813	12.4	3,200	9.1
1976	38,938	9.0	32,086	8.7	18,161	10.2	13,922	7.4	6,847	10.4	3,769	12.2	3,078	8.7
1977	39,080	8.9	32,110	8.6	18,209	10.0	13,901	7.2	6,970	10.5	3,827	12.4	3,143	8.9
1978	38,654	8.7	31,964	8.4	17,939	9.8	14,024	7.2	6,690	10.0	3,652	11.8	3,038	8.5
1979	38,712	8.5	31,837	8.2	17,816	9.5	14,021	7.0	6,875	10.2	3,862	12.3	3,013	8.4
1980	40,713	8.9	33,416	8.7	18,494	9.9	14,921	7.6	7,291	9.6	3,941	11.1	3,350	8.3
1981	40,480	8.7	33,533	8.6	18,523	9.8	15,010	7.5	6,941	9.2	3,794	10.8	3,147	7.9
1982	40,260	8.6	33,328	8.5	18,200	9.5	15,037	7.4	7,021	9.4	3,791	10.8	3,230	8.1
1983	41,604	8.8	34,438	8.7	18,560	9.6	15,878	7.8	7,161	9.6	3,784	10.8	3,377	8.5
1984	42,221	9.0	35,031	8.8	19,084	9.9	15,966	7.8	7,183	9.5	3,827	10.9	3,356	8.3
1985	43,176	9.0	35,729	9.0	19,131	9.8	16,597	8.2	7,444	9.8	3,972	10.0	3,472	8.6
1986	44,237	9.1	36,674	9.1	19,503	9.9	17,169	8.4	7,561	9.9	4,067	10.1	3,494	8.6
1987	44,884	9.2	37,307	9.2	19,790	10.0	17,517	8.5	7,572	8.9	4,034	9.9	3,538	8.6
1988	45,728	9.2	38,157	9.3	20,078	10.1	18,079	8.6	7,567	8.7	3,981	9.6	3,586	8.0

Year	Malignant Neoplasms, All Sites											
	All Races		White				All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1969	5,737	147.2	4,690	143.4	2,559	160.8	2,131	126.9	1,047	167.1	581	197.1	466	140.4
1970	5,984	152.4	4,946	150.0	2,725	169.9	2,221	131.1	1,038	165.1	558	189.0	480	143.9
1971	6,070	151.4	5,029	149.1	2,759	168.3	2,270	130.9	1,041	163.5	593	198.6	448	132.5
1972	6,266	153.3	5,186	150.6	2,848	170.3	2,338	132.1	1,080	167.4	623	206.3	457	133.2
1973	6,501	157.1	5,311	152.1	2,986	176.0	2,325	129.5	1,186	183.4	687	227.2	499	145.0
1974	6,718	159.9	5,518	155.5	3,057	177.4	2,461	134.9	1,198	183.4	703	230.3	495	142.2
1975	6,869	161.2	5,660	157.1	3,127	178.7	2,533	136.6	1,209	183.9	683	222.8	526	150.0
1976	7,198	166.3	5,922	161.4	3,334	187.3	2,588	137.1	1,276	193.2	740	240.5	536	152.0
1977	7,507	170.5	6,209	166.1	3,529	194.6	2,680	139.2	1,298	195.4	754	243.9	544	153.3
1978	7,492	167.9	6,233	164.3	3,511	190.9	2,722	139.2	1,259	188.6	761	245.1	498	139.5
1979	7,792	171.9	6,456	167.3	3,643	194.8	2,813	141.4	1,336	198.3	798	254.9	538	149.1
1980	8,304	180.9	6,868	179.1	3,909	209.9	2,959	150.0	1,436	190.0	788	222.5	648	161.4
1981	8,355	180.2	6,930	178.5	3,903	207.0	3,027	151.5	1,425	189.3	856	242.9	569	142.1
1982	8,660	185.0	7,135	181.5	4,070	213.2	3,065	151.6	1,525	203.3	877	250.2	648	162.2
1983	8,768	185.5	7,272	182.8	4,018	208.0	3,254	159.0	1,496	200.2	841	241.1	655	164.4
1984	9,127	193.5	7,604	192.0	4,294	223.3	3,310	162.4	1,523	201.6	889	252.5	634	157.2
1985	9,220	191.7	7,724	194.1	4,270	219.6	3,454	169.7	1,496	180.4	840	211.2	656	151.9
1986	9,549	196.7	7,941	197.8	4,447	226.7	3,494	170.2	1,608	191.2	903	223.9	705	161.1
1987	10,004	204.0	8,316	205.3	4,582	231.6	3,734	180.2	1,688	197.9	937	229.0	751	169.2
1988	9,894	199.6	8,347	204.1	4,640	232.3	3,707	177.1	1,547	178.7	891	214.4	656	145.7

Cause titles are shown according to the *Ninth Revision International Classification of Diseases*, 1975. Where necessary, regrouping of causes for 1969-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1988. For more detailed information see page 97 of this Bulletin.
Totals may include one or more deaths with race and/or sex not stated.
#Rate per 1,000 population.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1969-1988

Year	Malignant Neoplasms of Digestive Organs and Peritoneum											
	All Races		White				All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1969	1,540	39.5	1,242	38.0	614	38.6	628	37.4	298	47.5	173	58.7	125	37.7
1970	1,560	39.7	1,273	38.6	626	39.0	647	38.2	287	45.6	157	53.2	130	39.0
1971	1,643	41.0	1,325	39.3	674	41.1	651	37.6	318	49.9	195	65.3	123	36.4
1972	1,562	38.2	1,287	37.4	638	38.1	649	36.7	275	42.6	152	50.3	123	35.9
1973	1,626	39.3	1,278	36.6	679	40.0	599	33.4	347	53.7	197	65.2	150	43.6
1974	1,630	38.8	1,314	37.0	658	38.2	656	35.9	316	48.4	179	58.7	137	39.3
1975	1,717	40.3	1,383	38.4	731	41.8	652	35.2	334	50.8	192	62.6	142	40.5
1976	1,785	41.2	1,447	39.4	738	41.5	709	37.5	338	51.2	183	59.5	155	44.0
1977	1,845	41.9	1,500	40.1	777	42.9	723	37.6	345	51.9	186	60.2	159	44.8
1978	1,763	39.5	1,418	37.4	683	37.1	735	37.6	345	51.7	194	62.5	151	42.3
1979	1,925	42.5	1,557	40.3	785	42.0	772	38.8	368	54.6	214	68.4	154	42.7
1980	2,041	44.5	1,640	42.8	870	46.7	770	39.0	401	53.1	228	64.4	173	43.1
1981	2,008	43.3	1,613	41.5	850	45.1	763	38.2	395	52.5	218	61.9	177	44.2
1982	2,093	44.7	1,657	42.2	882	46.2	775	38.3	436	58.1	249	71.0	187	46.8
1983	2,048	43.3	1,642	41.3	828	42.9	814	39.8	406	54.3	212	60.8	194	48.7
1984	2,125	45.1	1,688	42.6	904	47.0	784	38.5	437	57.8	235	66.7	202	50.1
1985	2,125	44.2	1,720	43.2	883	45.4	837	41.1	405	48.8	209	52.6	196	45.4
1986	2,202	45.3	1,780	44.3	918	46.8	862	42.0	422	50.2	236	58.5	186	42.5
1987	2,298	46.9	1,841	45.4	942	47.6	899	43.4	457	53.6	226	55.2	231	52.0
1988	2,182	44.0	1,795	43.9	944	47.3	851	40.7	387	44.7	194	46.7	193	42.9

Year	Malignant Neoplasms of Respiratory and Intrathoracic Organs											
	All Races		White				All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1969	1,190	30.5	1,014	31.0	879	55.2	135	8.0	176	28.1	149	50.5	27	8.1
1970	1,351	34.4	1,156	35.1	982	61.2	174	10.3	195	31.0	154	52.1	41	12.3
1971	1,349	33.6	1,172	34.7	982	59.9	190	11.0	177	27.8	147	49.2	30	8.9
1972	1,459	35.7	1,223	35.5	1,023	61.2	200	11.3	236	36.6	197	65.2	39	11.4
1973	1,564	37.8	1,317	37.7	1,107	65.3	210	11.7	247	38.2	198	65.5	49	14.2
1974	1,691	40.3	1,436	40.5	1,206	70.0	230	12.6	254	38.9	214	70.1	40	11.5
1975	1,675	39.3	1,422	39.5	1,150	65.7	272	14.7	253	38.5	202	65.9	51	14.5
1976	1,894	43.8	1,599	43.6	1,307	73.4	292	15.5	295	44.7	233	75.7	62	17.6
1977	2,041	46.4	1,723	46.1	1,361	75.1	362	18.8	318	47.9	261	84.4	57	16.1
1978	2,077	46.6	1,798	47.4	1,460	79.4	338	17.3	279	41.8	231	74.4	48	13.4
1979	2,204	48.6	1,859	48.2	1,464	78.3	395	19.9	345	51.2	281	89.8	64	17.7
1980	2,363	51.5	2,034	53.0	1,569	84.2	465	23.6	329	43.5	240	67.8	89	22.2
1981	2,404	51.9	2,034	52.4	1,558	82.6	476	23.8	370	49.1	294	83.4	76	19.0
1982	2,632	56.2	2,250	57.2	1,745	91.4	505	25.0	382	50.9	294	83.9	88	22.0
1983	2,662	56.3	2,282	57.4	1,715	88.8	567	27.7	380	50.8	281	80.5	99	24.8
1984	2,717	57.6	2,351	59.3	1,763	91.7	588	28.8	366	48.4	281	79.8	85	21.1
1985	2,837	59.0	2,455	61.7	1,799	92.5	656	32.2	382	46.1	280	70.4	102	23.6
1986	3,011	62.0	2,571	64.0	1,898	96.8	673	32.8	440	52.3	337	83.6	103	23.5
1987	3,214	65.5	2,747	67.8	2,004	101.3	743	35.8	467	54.7	354	86.5	113	25.5
1988	3,179	64.1	2,742	67.0	1,976	98.9	766	36.6	437	50.5	334	80.4	103	22.9

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Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1969-1988

Year	Malignant Neoplasms of Breast											
	All Races		White					All Other Races				
	Total		Total		Male		Female	Total		Male		Female
	No.	Rate	No.	Rate	No.	Rate	No. Rate	No.	Rate	No.	Rate	No. Rate
1969	498	12.8	405	12.4	1	0.1	404 24.1	93	14.8	-	-	93 28.0
1970	478	12.2	396	12.0	3	0.2	393 23.2	82	13.0	-	-	82 24.6
1971	523	13.0	435	12.9	2	0.1	433 25.0	88	13.8	-	-	88 26.0
1972	541	13.2	445	12.9	1	0.1	444 25.1	96	14.9	1	0.3	95 27.7
1973	529	12.8	453	13.0	2	0.1	451 25.1	76	11.6	1	0.3	75 21.8
1974	582	13.9	485	13.7	5	0.3	480 26.3	97	14.8	2	0.7	95 27.3
1975	556	13.0	473	13.1	5	0.3	468 25.2	83	12.6	3	1.0	80 22.8
1976	563	13.0	473	12.9			473 25.0	90	13.6	4	1.3	86 24.4
1977	580	13.2	490	13.1	6	0.3	484 25.1	90	13.6	1	0.3	89 25.1
1978	602	13.5	504	13.3	7	0.4	497 25.4	98	14.7	1	0.3	97 27.2
1979	575	12.7	475	12.3	3	0.2	472 23.7	100	14.8			100 27.7
1980	570	12.4	469	12.2	4	0.2	465 23.6	101	13.4	1	0.3	100 24.9
1981	660	14.2	555	14.3	4	0.2	551 27.6	105	13.9	2	0.6	103 25.7
1982	673	14.4	558	14.2	2	0.1	556 27.5	115	15.3			115 28.6
1983	663	14.0	556	14.0	3	0.2	553 27.0	107	14.3	3	0.9	104 26.1
1984	713	15.1	598	15.1	2	0.1	596 29.2	115	15.2			115 28.5
1985	723	15.0	624	15.7	5	0.3	619 30.4	99	11.9			99 22.9
1986	714	14.7	591	14.7	3	0.2	588 28.6	123	14.6			123 28.1
1987	834	17.0	688	17.0	6	0.3	682 32.9	146	17.1	1	0.2	145 32.7
1988	812	16.4	680	16.6	6	0.3	674 32.2	132	15.2	1	0.2	131 29.1

Year	Malignant Neoplasms of Genital Organs											
	All Races		White					All Other Races				
	Total		Total		Male		Female	Total		Male		Female
	No.	Rate	No.	Rate	No.	Rate	No. Rate	No.	Rate	No.	Rate	No. Rate
1969	819	21.0	625	19.1	266	16.7	359 21.4	194	31.0	89	30.2	105 31.6
1970	833	21.2	653	19.8	278	17.3	375 22.1	180	28.6	96	32.5	84 25.2
1971	836	20.8	645	19.1	282	17.2	363 20.9	191	30.0	93	31.1	98 29.0
1972	855	20.9	658	19.1	279	16.7	379 21.4	197	30.5	101	33.4	96 28.0
1973	866	20.9	653	18.7	269	15.9	384 21.4	213	32.9	108	35.7	105 30.5
1974	882	21.0	674	19.0	288	16.7	386 21.2	208	31.8	119	39.0	89 25.6
1975	865	20.3	664	18.4	304	17.4	360 19.4	201	30.6	104	33.9	97 27.7
1976	852	19.7	655	17.9	291	16.3	365 19.3	196	29.7	116	37.7	80 22.7
1977	922	20.9	712	19.0	331	18.3	381 19.8	210	31.6	118	38.2	92 25.9
1978	872	19.5	676	17.8	315	17.1	361 18.5	196	29.4	120	38.7	76 21.3
1979	912	20.1	709	18.4	320	17.1	389 19.6	203	30.1	114	36.4	89 24.7
1980	1,006	21.9	771	20.1	360	19.3	411 20.8	235	31.1	117	33.0	118 29.4
1981	954	20.6	745	19.2	368	19.5	377 18.9	209	27.8	141	40.0	68 17.0
1982	947	20.2	699	17.8	350	18.3	349 17.3	248	33.1	145	41.4	103 25.8
1983	1,030	21.8	785	19.7	391	20.2	394 19.3	245	32.8	142	40.7	103 25.9
1984	1,047	22.2	810	20.4	410	21.3	400 19.6	237	31.4	144	40.9	93 23.1
1985	982	20.4	759	19.1	384	19.7	375 18.4	223	26.9	138	34.7	85 19.7
1986	1,012	20.8	755	18.8	397	20.2	358 17.4	257	30.6	145	36.0	112 25.6
1987	1,064	21.7	821	20.3	416	21.0	405 19.5	243	28.5	143	34.9	100 22.5
1988	1,150	23.2	926	22.6	476	23.8	450 21.5	224	25.9	152	36.6	72 16.0

Cause titles are shown according to the *Ninth Revision International Classification of Diseases*, 1975. Where necessary, regrouping of causes for 1969-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1988. For more detailed information see page 97 of this Bulletin.
Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX. RESIDENT DATA, TENNESSEE, 1969-1988

Year	Diabetes Mellitus											
	All Races		White					All Other Races				
	Total		Total		Male		Female	Total		Male		Female
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1969	607	15.6	433	13.2	175	11.0	258	15.4	174	27.8	53	18.0	121	36.5
1970	619	15.8	460	14.0	190	11.8	270	15.9	159	25.3	64	21.7	95	28.5
1971	675	16.8	498	14.8	205	12.5	293	16.9	177	27.9	69	23.1	108	31.9
1972	651	15.9	497	14.4	224	13.4	273	15.4	154	23.9	52	17.2	102	29.7
1973	610	14.7	454	13.0	196	11.6	258	14.4	156	24.1	53	17.5	103	29.9
1974	629	15.0	454	12.8	154	8.9	300	16.4	175	26.8	61	20.0	114	32.7
1975	612	14.4	446	12.4	200	11.4	246	13.3	166	25.3	53	17.3	113	32.2
1976	548	12.7	397	10.8	147	8.3	250	13.2	151	22.9	55	17.9	96	27.2
1977	565	12.8	432	11.6	160	8.8	272	14.1	133	20.0	48	15.5	85	23.9
1978	525	11.8	385	10.1	168	9.1	217	11.1	140	21.0	49	15.8	91	25.5
1979	552	12.2	406	10.5	169	9.0	237	11.9	146	21.7	47	15.0	99	27.4
1980	514	11.2	375	9.8	138	7.4	237	12.0	139	18.4	61	17.2	78	19.4
1981	609	13.1	454	11.7	174	9.2	280	14.0	155	20.6	52	14.8	103	25.7
1982	557	11.9	442	11.2	156	8.2	286	14.1	115	15.3	45	12.8	70	17.5
1983	646	13.7	476	12.0	179	9.3	297	14.5	170	22.7	59	15.9	111	27.9
1984	627	13.3	480	12.1	186	9.7	294	14.4	147	19.5	50	14.2	97	24.0
1985	597	12.4	425	10.7	164	8.4	261	12.8	172	20.7	58	14.6	114	26.4
1986	672	13.8	506	12.6	204	10.4	302	14.7	166	19.7	48	11.9	118	27.0
1987	701	14.3	546	13.5	226	11.4	320	15.4	155	18.2	52	12.7	103	23.2
1988	725	14.6	558	13.6	218	10.9	340	16.2	167	19.3	53	12.8	114	25.3

Year	Diseases of Heart											
	All Races		White					All Other Races				
	Total		Total		Male		Female	Total		Male		Female
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1969	14,345	368.1	11,954	365.5	7,026	441.6	4,928	293.5	2,391	381.5	1,227	416.3	1,164	350.6
1970	14,312	364.5	11,900	360.9	7,005	436.9	4,895	289.0	2,412	383.6	1,286	435.5	1,126	337.6
1971	14,528	362.3	11,984	355.3	6,938	423.1	5,046	291.1	2,544	399.5	1,351	452.4	1,193	352.8
1972	14,946	365.6	12,491	362.8	7,301	436.5	5,190	293.2	2,455	380.6	1,376	455.6	1,079	314.5
1973	15,011	362.7	12,482	357.5	7,276	428.9	5,205	289.9	2,527	390.9	1,298	429.3	1,229	357.1
1974	14,738	350.8	12,303	346.8	7,114	412.9	5,189	284.4	2,435	372.7	1,260	412.9	1,175	337.5
1975	14,303	335.7	11,976	332.3	6,967	398.2	5,009	270.1	2,324	353.6	1,191	388.5	1,133	323.1
1976	14,580	336.8	12,276	334.6	7,022	394.4	5,253	278.2	2,301	348.5	1,201	390.3	1,100	312.0
1977	14,497	329.3	12,098	323.7	6,943	382.9	5,155	267.8	2,399	361.2	1,236	399.7	1,163	327.6
1978	14,176	317.7	11,956	315.1	6,702	364.3	5,254	268.8	2,220	332.6	1,127	363.0	1,093	306.1
1979	14,115	311.4	11,831	306.5	6,734	360.0	5,097	256.2	2,284	338.9	1,213	387.5	1,071	296.8
1980	14,872	323.9	12,419	323.8	6,833	366.9	5,586	283.1	2,450	324.2	1,214	342.8	1,236	307.8
1981	14,894	321.3	12,547	323.1	6,915	366.7	5,632	282.0	2,345	311.5	1,234	350.2	1,111	277.4
1982	14,843	317.1	12,451	316.7	6,674	349.6	5,777	285.7	2,392	318.9	1,231	351.1	1,161	290.6
1983	15,206	321.8	12,797	321.6	6,840	354.0	5,957	291.1	2,406	322.0	1,198	343.4	1,208	303.2
1984	15,361	325.7	12,846	324.3	6,849	356.1	5,996	294.2	2,514	332.8	1,264	359.0	1,250	309.9
1985	15,740	327.3	13,167	330.8	6,949	357.3	6,218	305.5	2,572	310.1	1,294	325.4	1,278	296.0
1986	15,722	323.8	13,127	327.0	6,740	343.7	6,387	311.0	2,595	308.6	1,308	324.3	1,287	294.1
1987	15,779	321.7	13,278	327.7	6,839	345.6	6,439	310.7	2,500	293.1	1,217	297.4	1,283	289.1
1988	16,010	323.0	13,512	330.3	6,983	349.6	6,529	311.9	2,496	288.2	1,188	285.9	1,308	290.4

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Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX. RESIDENT DATA, TENNESSEE, 1969-1988

Year	Ischemic Heart Disease											
	All Races		White					All Other Races				
	Total		Total		Male		Female	Total		Male		Female
	No.	Rate	No.	Rate	No.	Rate	No. Rate	No.	Rate	No.	Rate	No. Rate
1969	13,035	334.5	10,920	333.9	6,534	410.7	4,386 261.2	2,115	337.5	1,092	370.5	1,023 308.2
1970	13,054	332.5	10,897	330.5	6,491	404.8	4,406 260.1	2,157	343.0	1,153	390.4	1,004 301.1
1971	13,294	331.5	11,004	326.2	6,467	394.4	4,537 261.7	2,290	359.6	1,221	408.9	1,069 316.1
1972	13,683	334.7	11,487	333.7	6,817	407.5	4,670 263.9	2,196	340.4	1,225	405.6	971 283.1
1973	13,789	333.2	11,553	330.9	6,815	401.7	4,737 263.8	2,234	345.6	1,142	377.7	1,092 317.3
1974	13,416	319.3	11,265	317.5	6,597	382.9	4,668 255.8	2,151	329.2	1,104	361.7	1,047 300.7
1975	12,928	303.4	10,905	302.6	6,426	367.3	4,479 241.6	2,020	307.3	1,045	340.9	975 278.0
1976	13,116	303.0	11,127	303.3	6,466	363.2	4,661 246.8	1,986	300.8	1,038	337.3	948 268.9
1977	13,011	295.6	10,919	292.1	6,352	350.3	4,567 237.3	2,092	315.0	1,087	351.5	1,005 283.1
1978	12,621	282.9	10,697	281.9	6,057	329.3	4,640 237.4	1,924	288.2	981	316.0	943 264.1
1979	10,729	236.7	9,441	244.6	5,607	299.8	3,834 192.7	1,288	191.1	693	221.4	595 164.9
1980	11,089	241.5	9,780	255.0	5,597	300.5	4,183 212.0	1,307	193.0	640	180.7	667 166.1
1981	11,139	240.3	9,778	251.8	5,602	297.1	4,176 209.1	1,359	180.5	738	209.4	621 155.1
1982	10,988	234.7	9,636	245.1	5,372	281.4	4,264 210.9	1,352	180.3	729	207.9	623 156.0
1983	11,184	236.7	9,809	246.5	5,463	282.7	4,346 212.4	1,372	183.6	692	198.4	680 170.7
1984	10,679	226.4	9,394	237.1	5,203	270.5	4,190 205.6	1,284	170.0	661	187.7	623 154.4
1985	10,649	221.4	9,288	233.4	5,107	262.6	4,181 205.4	1,360	184.0	666	187.5	694 180.8
1986	10,331	212.8	9,160	228.2	4,920	250.9	4,240 206.5	1,171	139.2	572	141.8	599 136.9
1987	10,356	211.2	9,161	226.1	4,903	247.8	4,258 205.4	1,195	140.1	564	137.8	631 142.2
1988	10,500	211.8	9,328	228.0	5,082	254.5	4,246 202.8	1,170	135.1	578	139.1	592 131.4

Year	Cerebrovascular Disease											
	All Races		White					All Other Races				
	Total		Total		Male		Female	Total		Male		Female
	No.	Rate	No.	Rate	No.	Rate	No. Rate	No.	Rate	No.	Rate	No. Rate
1969	5,096	130.8	3,961	121.1	1,846	116.0	2,115 126.0	1,135	181.1	556	188.6	579 174.4
1970	5,057	128.8	3,949	119.8	1,844	115.0	2,105 124.3	1,108	176.2	493	166.9	615 184.4
1971	4,997	124.6	3,963	117.5	1,809	110.3	2,154 124.3	1,034	162.4	514	172.1	520 153.8
1972	5,215	127.6	4,168	121.1	1,898	113.5	2,270 128.3	1,047	162.3	507	167.9	540 157.4
1973	5,339	129.0	4,267	122.2	1,835	108.2	2,432 135.5	1,071	165.7	510	168.7	561 163.0
1974	5,204	123.9	4,204	118.5	1,837	106.6	2,367 129.7	1,000	153.1	431	141.2	569 163.4
1975	4,902	115.0	3,929	109.0	1,687	96.4	2,242 120.9	973	148.0	464	151.3	509 145.2
1976	4,862	112.3	3,938	107.3	1,756	98.6	2,180 115.4	924	139.9	441	143.3	483 137.0
1977	4,561	103.6	3,694	98.8	1,573	86.8	2,121 110.2	867	130.5	373	120.6	494 139.2
1978	4,283	96.0	3,480	91.7	1,477	80.3	2,003 102.5	803	120.3	381	122.7	422 118.2
1979	4,213	92.9	3,389	87.8	1,424	76.1	1,965 98.8	824	122.3	414	132.3	410 113.6
1980	4,310	93.9	3,534	92.1	1,508	81.0	2,026 102.7	776	102.7	360	101.7	416 103.6
1981	4,088	88.2	3,320	85.5	1,373	72.8	1,947 97.5	768	102.0	322	91.4	446 111.4
1982	3,966	84.7	3,203	81.5	1,333	69.8	1,870 92.5	763	101.7	334	95.3	429 107.4
1983	4,138	87.6	3,344	84.0	1,375	71.2	1,969 96.2	794	106.2	358	102.6	436 109.4
1984	3,902	82.7	3,153	79.6	1,319	68.6	1,834 90.0	749	99.1	310	88.0	439 108.8
1985	3,601	74.9	2,922	73.4	1,170	60.2	1,751 86.0	679	81.9	299	75.2	380 88.0
1986	3,630	74.8	3,013	75.0	1,186	60.5	1,827 89.0	617	73.4	272	67.4	345 78.8
1987	3,791	77.3	3,171	78.3	1,300	65.7	1,871 90.3	619	72.6	273	66.7	346 78.0
1988	3,761	75.9	3,072	75.1	1,204	60.3	1,868 89.2	689	79.6	288	69.3	401 89.0

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Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1969-1988

Year	Atherosclerosis											
	All Races		White					All Other races				
	Total		Total		Male		Female	Total		Male		Female
	No.	Rate	No.	Rate	No.	Rate	No. Rate	No.	Rate	No.	Rate	No. Rate
1969	634	16.3	544	16.6	219	13.8	325 19.4	90	14.4	41	13.9	49 14.8
1970	538	13.7	478	14.5	205	12.8	273 16.1	60	9.5	34	11.5	26 7.8
1971	558	13.9	486	14.4	194	11.8	292 16.8	72	11.3	28	9.4	44 13.0
1972	617	15.1	529	15.4	218	13.0	311 17.6	88	13.6	44	14.6	44 12.8
1973	641	15.5	544	15.6	225	13.3	319 17.8	97	15.0	47	15.5	50 14.5
1974	669	15.9	571	16.1	224	13.0	347 19.0	98	15.0	44	14.4	54 15.5
1975	622	14.6	532	14.8	201	11.5	331 17.9	90	13.7	46	15.0	44 12.5
1976	570	13.2	496	13.5	209	11.7	287 15.2	74	11.2	33	10.7	41 11.6
1977	582	13.2	514	13.8	210	11.6	304 15.8	68	10.2	35	11.3	33 9.3
1978	615	13.8	520	13.7	190	10.3	330 16.9	95	14.2	32	10.3	63 17.6
1979	642	14.2	554	14.4	205	11.0	349 17.5	88	13.1	38	12.1	50 13.9
1980	570	12.4	482	12.6	193	10.4	289 14.6	88	11.6	37	10.4	51 12.7
1981	620	13.4	522	13.4	215	11.4	307 15.4	98	13.0	38	10.8	60 15.0
1982	552	11.8	467	11.9	197	10.3	270 13.4	85	11.3	48	13.7	37 9.3
1983	495	10.5	422	10.6	165	8.5	257 12.6	73	9.8	26	7.5	47 11.8
1984	475	10.1	419	10.6	154	8.0	265 13.0	56	7.4	23	6.5	33 8.2
1985	429	8.9	375	9.4	154	7.9	221 10.9	54	6.5	21	5.3	33 7.6
1986	411	8.5	351	8.7	119	6.1	232 11.3	60	7.1	30	7.4	30 6.9
1987	347	7.1	304	7.5	119	6.0	185 8.9	43	5.0	21	5.1	22 5.0
1988	416	8.4	367	9.0	147	7.4	220 10.5	49	5.7	23	5.5	26 5.8

Year	Pneumonia and Influenza											
	All Races		White					All Other Races				
	Total		Total		Male		Female	Total		Male		Female
	No.	Rate	No.	Rate	No.	Rate	No. Rate	No.	Rate	No.	Rate	No. Rate
1969	1,402	36.0	1,123	34.3	613	38.5	510 30.4	279	44.5	167	56.7	112 33.7
1970	1,351	34.4	1,091	33.1	554	34.6	537 31.7	260	41.3	155	52.5	105 31.5
1971	1,193	29.8	962	28.5	528	32.2	434 25.0	231	36.3	124	41.5	107 31.6
1972	1,264	30.9	1,059	30.8	572	34.2	487 27.5	205	31.8	124	41.1	81 23.6
1973	1,197	28.9	1,009	28.9	540	31.8	469 26.1	188	29.1	113	37.4	75 21.8
1974	1,024	24.4	885	24.9	463	26.9	422 23.1	139	21.3	81	26.5	58 16.7
1975	1,101	25.8	930	25.8	501	28.6	429 23.1	171	26.0	95	31.0	76 21.7
1976	1,240	28.6	1,050	28.6	549	30.8	501 26.5	190	28.8	111	36.1	79 22.4
1977	1,070	24.3	929	24.9	525	29.0	404 21.0	141	21.2	88	28.5	53 14.9
1978	1,159	26.0	998	26.3	502	27.3	496 25.4	161	24.1	90	29.0	71 19.9
1979	908	20.0	796	20.6	397	21.2	399 20.1	112	16.6	70	22.4	42 11.6
1980	1,037	22.6	876	22.8	427	22.9	449 22.8	161	21.3	95	26.8	66 16.4
1981	1,174	25.3	1,020	26.3	483	25.6	537 26.9	154	20.5	92	26.1	62 15.5
1982	973	20.8	846	21.5	428	22.4	418 20.7	127	16.9	67	19.1	60 15.0
1983	1,117	23.6	962	24.2	496	25.7	466 22.8	155	20.7	90	25.8	65 16.3
1984	1,133	24.0	997	25.2	498	25.9	499 24.5	136	18.0	76	21.6	60 14.9
1985	1,437	29.9	1,261	31.7	619	31.8	642 31.5	176	21.2	102	25.7	74 17.1
1986	1,471	30.3	1,290	32.1	651	33.2	639 31.1	181	21.5	104	25.8	77 17.6
1987	1,361	27.8	1,194	29.5	583	29.5	611 29.5	167	19.6	101	24.7	66 14.9
1988	1,621	32.7	1,404	34.3	688	34.4	716 34.2	217	25.1	112	27.0	105 23.3

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TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1969-1988

Year	Chronic Obstructive Pulmonary Disease and Allied Conditions											
	All Races		White				All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1969	699	17.9	639	19.5	495	31.1	144	8.6	60	9.6	45	15.3	15	4.5
1970	718	18.3	654	19.8	519	32.4	135	8.0	64	10.2	49	16.6	15	4.5
1971	680	17.0	622	18.4	492	30.0	130	7.5	58	9.1	37	12.4	21	6.2
1972	836	20.5	739	21.5	567	33.9	172	9.7	97	15.0	75	24.8	22	6.4
1973	902	21.8	809	23.2	621	36.6	188	10.5	93	14.4	71	23.5	22	6.4
1974	941	22.4	850	24.0	672	39.0	178	9.8	91	13.9	59	19.3	32	9.2
1975	933	21.9	867	24.1	657	37.6	210	11.3	66	10.0	47	15.3	19	5.4
1976	997	23.0	898	24.5	673	37.8	225	11.9	99	15.0	77	25.0	22	6.2
1977	1,043	23.7	946	25.3	677	37.3	269	14.0	97	14.6	74	23.9	23	6.5
1978	1,148	25.7	1,055	27.8	778	42.3	277	14.2	93	13.9	69	22.2	24	6.7
1979	1,052	23.2	944	24.5	703	37.6	241	12.1	108	16.0	79	25.2	29	8.0
1980	1,237	26.9	1,121	29.2	805	43.2	316	16.0	116	15.4	78	22.0	38	9.5
1981	1,295	27.9	1,182	30.4	834	44.2	348	17.4	113	15.0	84	23.8	29	7.2
1982	1,266	27.0	1,164	29.6	830	43.5	334	16.5	102	13.6	68	19.4	34	8.5
1983	1,292	27.3	1,195	30.0	827	42.8	368	18.0	97	13.0	73	20.9	24	6.0
1984	1,458	30.9	1,335	33.7	915	47.6	420	20.6	123	16.3	82	23.3	41	10.2
1985	1,588	33.0	1,459	36.7	969	49.8	490	24.1	128	15.4	91	22.9	37	8.6
1986	1,681	34.6	1,547	38.5	1,028	52.4	519	25.3	134	15.9	101	25.0	33	7.5
1987	1,611	32.8	1,464	36.1	945	47.8	519	25.0	147	17.2	101	24.7	46	10.4
1988	1,750	35.3	1,606	39.3	1,014	50.8	592	28.3	144	16.6	96	23.1	48	10.7

Year	Chronic Liver Disease and Cirrhosis											
	All Races		White				All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1969	326	8.4	260	8.0	160	10.1	100	6.0	66	10.5	37	12.6	29	8.7
1970	393	10.0	320	9.7	225	14.0	95	5.6	73	11.6	42	14.2	31	9.3
1971	354	8.8	300	8.9	202	12.3	98	5.7	54	8.5	33	11.1	21	6.2
1972	353	8.6	286	8.3	204	12.2	82	4.6	67	10.4	39	12.9	28	8.2
1973	449	10.8	364	10.4	245	14.4	119	6.6	85	13.1	46	15.2	39	11.3
1974	444	10.6	369	10.4	241	14.0	128	7.0	75	11.5	43	14.1	32	9.2
1975	401	9.4	321	8.9	214	12.2	107	5.8	80	12.2	50	16.3	30	8.6
1976	387	8.9	345	9.4	235	13.2	110	5.8	42	6.4	23	7.5	19	5.4
1977	407	9.2	341	9.1	221	12.2	120	6.2	66	9.9	42	13.6	24	6.8
1978	398	8.9	335	8.8	240	13.0	95	4.9	63	9.4	38	12.2	25	7.0
1979	431	9.5	342	8.9	210	11.2	132	6.6	89	13.2	47	15.0	42	11.6
1980	451	9.8	377	9.8	266	14.3	111	5.6	74	9.8	46	13.0	28	7.0
1981	404	8.7	339	8.7	221	11.7	118	5.9	65	8.6	37	10.5	28	7.0
1982	387	8.3	335	8.5	241	12.6	94	4.6	52	6.9	29	8.3	23	5.8
1983	388	8.2	331	8.3	204	10.6	127	6.2	57	7.6	36	10.3	21	5.3
1984	396	8.4	329	8.3	218	11.3	111	5.4	67	8.9	43	12.2	24	5.9
1985	382	7.9	318	8.0	207	10.6	111	5.5	64	7.7	36	9.1	28	6.5
1986	384	7.9	324	8.1	200	10.2	124	6.0	60	7.1	28	6.9	32	7.3
1987	412	8.4	350	8.6	235	11.9	115	5.5	62	7.3	39	9.5	23	5.2
1988	413	8.3	351	8.6	221	11.1	130	6.2	62	7.2	38	9.1	24	5.3

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TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1969-1988

Year	Congenital Anomalies											
	All Races		White				All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1969	339	8.7	278	8.5	157	9.9	120	7.1	61	9.7	30	10.2	31	9.3
1970	381	9.7	307	9.3	155	9.7	152	9.0	74	11.8	35	11.9	39	11.7
1971	339	8.5	284	8.4	171	10.4	113	6.5	55	8.6	24	8.0	31	9.2
1972	384	9.4	304	8.8	172	10.3	132	7.5	80	12.4	43	14.2	36	10.5
1973	325	7.9	266	7.6	134	7.9	131	7.3	59	9.1	32	10.6	27	7.8
1974	304	7.2	242	6.8	133	7.7	109	6.0	62	9.5	32	10.5	30	8.6
1975	298	7.0	244	6.8	123	7.0	121	6.5	54	8.2	32	10.4	22	6.3
1976	228	5.3	182	5.0	102	5.7	80	4.2	46	7.0	25	8.1	21	6.0
1977	281	6.4	222	5.9	123	6.8	99	5.1	59	8.9	40	12.9	19	5.4
1978	278	6.2	219	5.8	126	6.8	92	4.7	59	8.8	27	8.7	32	9.0
1979	280	6.2	231	6.0	129	6.9	102	5.1	49	7.3	29	9.3	20	5.5
1980	317	6.9	254	6.6	134	7.2	119	6.0	63	8.3	32	9.0	31	7.7
1981	262	5.7	213	5.5	109	5.8	104	5.2	49	6.5	24	6.8	25	6.2
1982	271	5.8	207	5.3	103	5.4	103	5.1	64	8.5	33	9.4	31	7.8
1983	275	5.8	225	5.7	109	5.6	116	5.7	50	6.7	29	8.3	21	5.3
1984	267	5.7	207	5.2	112	5.8	95	4.7	60	7.9	36	10.2	24	5.9
1985	244	5.1	181	4.5	98	5.0	83	4.1	63	7.6	31	7.8	32	7.4
1986	247	5.1	181	4.5	83	4.2	96	4.7	66	7.8	40	9.9	26	5.9
1987	230	4.7	165	4.1	89	4.5	76	3.7	65	7.6	34	8.3	31	7.0
1988	223	4.5	169	4.1	82	4.1	87	4.2	54	6.2	23	5.5	31	6.9

Year	Complications of Pregnancy, Childbirth, and the Puerperium**				
	All Races		White		All Other Races
	Total		Female		Female
	No.	Rate	No.	Rate	No.	Rate
1969	24	3.4	11	2.0	13	8.8
1970	18	2.5	10	1.8	8	5.2
1971	21	2.9	7	1.2	14	9.3
1972	16	2.4	10	1.9	6	4.2
1973	23	3.6	11	2.2	12	8.5
1974	24	3.7	17	3.4	7	5.0
1975	15	2.4	6	1.2	9	6.6
1976	7	1.1	3	0.6	4	2.9
1977	16	2.4	7	1.3	9	6.3
1978	10	1.5	4	0.8	6	4.0
1979	9	1.3	3	0.6	6	3.8
1980	13	1.9	9	1.7	4	2.5
1981	10	1.5	9	1.7	1	0.6
1982	5	0.7	2	0.4	3	2.0
1983	9	1.4	7	1.4	2	1.4
1984	6	0.9	2	0.4	4	2.7
1985	3	0.4	1	0.2	2	1.3
1986	3	0.5	3	0.6	-	-
1987	6	0.9	3	0.6	3	1.9
1988	8	1.1	3	0.6	5	2.9

Cause titles are shown according to the *Ninth Revision International Classification of Diseases*, 1975. Where necessary, regrouping of causes for 1969-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1988. For more detailed information see page 97 of this Bulletin.
Totals may include one or more deaths with race and/or sex not stated.
**For explanation of rates by race, see Appendix A.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1969-1988

Year	Accidents and Adverse Effects											
	All Races		White				All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1969	2,531	64.9	2,055	62.8	1,448	91.0	607	36.2	476	76.0	331	112.3	145	43.7
1970	2,582	65.8	2,115	64.1	1,557	97.1	558	32.9	466	74.1	320	108.4	146	43.8
1971	2,467	61.5	2,068	61.3	1,475	90.0	593	34.2	399	62.7	270	90.4	129	38.1
1972	2,602	63.7	2,153	62.5	1,546	92.4	607	34.3	449	69.6	323	106.9	126	36.7
1973	2,698	65.2	2,268	65.0	1,629	96.0	639	35.6	429	66.4	296	97.9	133	38.6
1974	2,510	59.7	2,131	60.1	1,519	88.2	612	33.5	379	58.0	250	81.9	129	37.1
1975	2,310	54.2	1,936	53.7	1,369	78.3	567	30.6	374	56.9	287	93.6	87	24.8
1976	2,262	52.3	1,956	53.3	1,406	79.0	550	29.1	306	46.3	226	73.4	80	22.7
1977	2,440	55.4	2,070	55.4	1,493	82.3	577	30.0	370	55.7	264	85.4	106	29.9
1978	2,480	55.1	2,092	55.1	1,526	83.0	566	29.0	368	55.1	268	86.3	100	28.0
1979	2,350	51.8	2,007	52.0	1,436	76.8	571	28.7	343	50.9	249	79.5	94	26.1
1980	2,453	53.4	1,996	52.0	1,416	76.0	580	29.4	455	60.2	312	88.1	143	35.6
1981	2,205	47.6	1,905	49.1	1,366	72.4	539	27.0	300	39.8	212	60.2	88	22.0
1982	2,093	44.7	1,814	46.1	1,316	68.9	498	24.6	279	37.2	213	60.8	66	16.5
1983	2,173	46.0	1,824	45.8	1,251	64.7	573	28.0	349	46.7	243	69.7	106	26.6
1984	2,144	45.5	1,826	46.1	1,261	65.6	565	27.7	318	42.1	228	64.8	90	22.3
1985	2,185	45.4	1,815	45.6	1,258	64.7	557	27.4	369	48.5	265	66.6	104	24.1
1986	2,435	50.1	2,061	51.3	1,426	72.7	635	30.9	373	48.4	257	63.7	116	26.5
1987	2,334	47.6	1,992	49.2	1,367	69.1	625	30.2	341	40.0	249	60.8	92	20.7
1988	2,435	49.1	2,061	50.4	1,399	70.0	662	31.6	373	43.1	261	62.8	112	24.9

Year	Motor Vehicle Accidents											
	All Races		White				All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1969	1,358	34.8	1,119	34.2	816	51.3	303	18.0	239	38.1	175	59.4	64	19.3
1970	1,406	35.8	1,218	36.9	907	56.6	311	18.4	187	29.7	136	46.1	51	15.3
1971	1,337	33.3	1,177	34.9	873	53.2	304	17.5	160	25.1	113	37.8	47	13.9
1972	1,401	34.3	1,204	35.0	893	53.4	311	17.6	197	30.5	145	48.0	52	15.2
1973	1,442	34.8	1,246	35.7	930	54.8	316	17.6	196	30.3	141	46.6	55	16.0
1974	1,290	30.7	1,133	31.9	864	50.1	269	14.7	157	24.0	107	35.1	50	14.4
1975	1,142	26.8	971	26.9	707	40.4	264	14.2	171	26.0	136	44.4	35	10.0
1976	1,160	26.8	1,016	27.7	737	41.4	279	14.8	144	21.8	110	35.7	34	9.6
1977	1,245	28.3	1,082	28.9	814	44.9	268	13.9	163	24.5	130	42.0	33	9.3
1978	1,294	29.0	1,121	29.5	839	45.6	282	14.4	173	25.9	129	41.6	44	12.3
1979	1,268	28.0	1,104	28.6	811	43.4	293	14.7	164	24.3	124	39.6	40	11.1
1980	1,178	25.7	1,046	27.3	756	40.6	290	14.7	132	17.5	112	31.6	20	5.0
1981	1,132	24.4	1,008	26.0	736	39.0	272	13.6	124	16.5	94	26.7	30	7.5
1982	1,091	23.3	972	24.7	723	37.9	249	12.3	119	15.9	96	27.4	23	5.8
1983	1,076	22.8	937	23.6	660	34.2	277	13.5	139	18.6	108	31.0	31	7.8
1984	1,154	24.5	1,014	25.6	725	37.7	289	14.2	140	18.5	103	29.3	37	9.2
1985	1,135	23.6	984	24.7	695	35.7	289	14.2	151	18.2	113	28.4	38	8.8
1986	1,289	26.5	1,128	28.1	793	40.4	335	16.3	161	19.1	120	29.8	41	9.4
1987	1,298	26.5	1,136	28.0	780	39.4	356	17.2	162	19.0	122	29.8	40	9.0
1988	1,288	26.0	1,129	27.6	799	40.0	330	15.8	159	18.4	125	30.1	34	7.5

Cause titles are shown according to the *Ninth Revision International Classification of Diseases*, 1975. Where necessary, regrouping of causes for 1969-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1988. For more detailed information see page 97 of this Bulletin. Totals may include one or more deaths with age, race, and/sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1969-1988

Year	Suicide											
	All Races		White				All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1969	461	11.8	430	13.1	338	21.2	92	5.5	31	4.9	23	7.8	8	2.4
1970	497	12.7	459	13.9	356	22.2	103	6.1	38	6.0	28	9.5	10	3.0
1971	490	12.2	461	13.7	358	21.8	103	5.9	29	4.6	19	6.4	10	3.0
1972	469	11.5	440	12.8	331	19.8	109	6.2	29	4.5	20	6.6	9	2.6
1973	490	11.8	460	13.2	349	20.6	111	6.2	30	4.6	24	7.9	6	1.7
1974	544	12.9	514	14.5	390	22.6	124	6.8	30	4.6	22	7.2	8	2.3
1975	567	13.3	525	14.6	384	21.9	141	7.6	42	6.4	33	10.8	9	2.6
1976	559	12.9	515	14.0	409	23.0	106	5.6	44	6.7	39	12.7	5	1.4
1977	588	13.4	543	14.5	411	22.7	132	6.9	45	6.8	33	10.7	12	3.4
1978	548	12.3	523	13.8	389	21.1	134	6.9	25	3.7	21	6.8	4	1.1
1979	607	13.4	565	14.6	412	22.0	153	7.7	42	6.2	30	9.6	12	3.3
1980	566	12.3	523	13.6	392	21.0	131	6.6	43	5.7	34	9.6	9	2.2
1981	577	12.4	529	13.6	403	21.4	126	6.3	47	6.2	37	10.5	10	2.5
1982	589	12.6	546	13.9	424	22.2	122	6.0	43	5.7	31	8.8	12	3.0
1983	604	12.8	572	14.4	440	22.8	132	6.5	32	4.3	26	7.5	6	1.5
1984	658	14.0	619	15.6	483	25.1	136	6.7	39	5.2	32	9.1	7	1.7
1985	598	12.4	545	13.7	426	21.9	119	5.8	53	6.4	41	10.3	12	2.8
1986	642	13.2	585	14.6	457	23.3	128	6.2	57	6.8	42	10.4	15	3.4
1987	623	12.7	575	14.2	454	22.9	121	5.8	48	5.6	41	10.0	7	1.6
1988	662	13.4	603	14.7	493	24.7	110	5.3	59	6.8	46	11.1	13	2.9

Year	Homicide and Legal Intervention											
	All Races		White				All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1969	423	10.9	196	6.0	156	9.8	40	2.4	227	36.2	186	63.1	41	12.4
1970	441	11.2	240	7.3	178	11.1	62	3.7	201	32.0	153	51.8	48	14.4
1971	486	12.1	269	8.0	220	13.4	49	2.8	217	34.1	185	62.0	32	9.5
1972	549	13.4	278	8.1	219	13.1	59	3.3	271	42.0	222	73.5	49	14.3
1973	550	13.3	262	7.5	214	12.6	48	2.7	288	44.5	224	74.1	64	18.6
1974	569	13.5	290	8.2	232	13.5	58	3.2	279	42.7	232	76.0	47	13.5
1975	568	13.3	302	8.4	244	13.9	58	3.1	266	40.5	213	69.5	53	15.1
1976	492	11.4	265	7.2	209	11.7	56	3.0	227	34.4	186	60.4	41	11.6
1977	477	10.8	244	6.5	195	10.8	49	2.5	233	35.1	185	59.8	48	13.5
1978	456	10.2	241	6.4	193	10.5	48	2.5	215	32.2	181	58.3	34	9.5
1979	474	10.5	244	6.3	187	10.0	57	2.9	230	34.1	190	60.7	40	11.1
1980	551	12.0	300	7.8	234	12.6	66	3.3	251	33.2	207	58.5	44	11.0
1981	510	11.0	283	7.3	223	11.8	60	3.0	227	30.2	181	51.4	46	11.5
1982	482	10.3	251	6.4	194	10.2	57	2.8	231	30.8	189	53.9	42	10.5
1983	440	9.3	222	5.6	168	8.7	54	2.6	218	29.2	179	51.3	39	9.8
1984	414	8.8	236	6.0	181	9.4	55	2.7	178	23.6	157	44.6	21	5.2
1985	431	9.0	233	5.9	174	8.9	59	2.9	198	23.9	157	39.5	41	9.5
1986	517	10.6	248	6.2	192	9.8	56	2.7	269	32.0	223	55.3	46	10.5
1987	495	10.1	230	5.7	181	9.1	49	2.4	265	31.1	204	49.9	61	13.7
1988	509	10.3	240	5.9	155	7.8	85	4.1	269	31.1	216	52.0	53	11.8

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Totals may include one or more deaths with age, race, and/sex not stated.

TABLE III-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1988

CAUSE OF DEATH		AGE AT DEATH													
		ALL DEATHS	UNDER 1 YEAR	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75-84 YEARS	85+ YEARS
ALL CAUSES	ALL RACES..... M	45,728	762	134	94	118	373	485	1,178	1,570	2,675	6,000	10,457	12,901	8,977
	WHITE M	20,078	426	67	46	61	215	291	591	802	1,400	3,117	5,303	6,210	3,549
	OTHER RACES M	18,079	197	55	42	53	93	72	236	395	770	1,794	3,493	5,644	5,311
	F	27,581	336	79	48	57	158	194	587	768	1,275	2,883	4,954	6,691	5,928
	OTHER RACES F	3,586	143	12	7	14	11	31	105	137	202	479	751	994	700
SHIGELLOSIS AND AMEBIASIS (004,006)	ALL RACES..... M	1	-	-	-	-	-	-	-	-	-	-	-	1	-
	WHITE M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER RACES M	1	-	-	-	-	-	-	-	-	-	-	-	1	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER RACES F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CERTAIN OTHER INTESTINAL INFECTIONS (007-009)	ALL RACES..... M	4	1	-	-	-	-	-	-	-	-	-	2	1	-
	WHITE M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER RACES M	3	1	-	-	-	-	-	-	-	-	-	2	1	-
	F	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER RACES F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TUBERCULOSIS OF RESPIRATORY SYSTEM (010-012)	ALL RACES..... M	50	-	-	-	-	-	-	1	-	4	8	12	15	10
	WHITE M	26	-	-	-	-	-	-	1	-	4	5	8	9	4
	OTHER RACES M	18	-	-	-	-	-	-	-	-	-	2	3	2	5
	F	7	-	-	-	-	-	-	-	-	-	1	1	4	1
	OTHER RACES F	1	-	-	-	-	-	-	-	-	-	-	-	-	-
TUBERCULOSIS, OTHER FORMS (013-018)	ALL RACES..... M	10	-	-	-	-	-	-	-	-	1	1	1	2	5
	WHITE M	5	-	-	-	-	-	-	-	-	1	-	1	1	3
	OTHER RACES M	3	-	-	-	-	-	-	-	-	-	-	-	-	1
	F	2	-	-	-	-	-	-	-	-	-	1	-	1	1
MENINGOCOCCAL INFECTION (036)	ALL RACES..... M	6	3	-	-	-	-	-	-	1	1	-	-	1	-
	WHITE M	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER RACES M	4	2	-	-	-	-	-	-	1	1	-	-	1	-
	F	1	1	-	-	-	-	-	-	-	-	-	-	-	-
SEPTICEMIA (038)	ALL RACES..... M	297	5	-	1	-	-	1	1	4	16	30	64	100	75
	WHITE M	104	1	-	-	-	-	-	-	2	6	16	27	34	18
	OTHER RACES M	120	3	-	-	-	-	1	-	-	6	7	23	42	43
	F	53	2	-	1	-	-	-	1	2	1	6	8	14	4
	OTHER RACES F	40	-	-	-	-	-	-	-	-	3	1	6	13	10
VIRAL ENCEPHALITIS (049.8-049.9, 062-064)	ALL RACES..... M	1	-	-	-	-	-	-	-	-	-	-	1	-	-
	WHITE M	1	-	-	-	-	-	-	-	-	-	-	1	-	-
	OTHER RACES M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER RACES F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRAL HEPATITIS (070)	ALL RACES..... M	31	-	-	-	-	-	-	8	2	5	4	9	3	-
	WHITE M	23	-	-	-	-	-	-	4	2	4	3	9	1	-
	OTHER RACES M	5	-	-	-	-	-	-	2	-	1	-	-	2	-
	F	3	-	-	-	-	-	-	2	-	-	1	-	-	-
ROCKY MTN. SPOTTED FEVER (082.0)	ALL RACES..... M	3	-	-	-	-	-	-	-	-	-	1	1	1	-
	WHITE M	2	-	-	-	-	-	-	-	-	-	1	1	1	-
	OTHER RACES M	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER RACES F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SYPHILIS (090-097)	ALL RACES..... M	2	1	-	-	-	-	-	-	-	-	-	-	1	-
	WHITE M	1	-	-	-	-	-	-	-	-	-	-	-	1	-
	OTHER RACES M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	1	-	-	-	-	-	-	-	-	-	-	-	-

TOTALS MAY INCLUDE ONE OR MORE DEATHS WITH AGE, RACE, AND/OR SEX NOT STATED.

TABLE III(CONTINUED)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1988

CAUSE OF DEATH		AGE AT DEATH													
		ALL DEATHS	UNDER 1 YEAR	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75-84 YEARS	85+ YEARS
ALL OTHER INFECTIOUS AND PARASITIC DISEASES (001-003,005,020-032,037, 039-041,042.0-042.2,042.9,043.0-043.3, 043.9,044.0,044.9,046-048,049.0-049.1, 050-054,056-061,065-066,071-081,082.1-082.3,082.8-082.9,083-088,098-139)	ALL RACES.....	235	5	4	1	2	3	7	45	47	29	26	29	30	7
	WHITE M	137	5	3	1	2	1	3	23	34	19	14	17	15	3
	F	77	-	1	-	-	2	1	1	1	3	4	10	11	3
	OTHER RACES M	48	1	1	-	-	-	3	17	10	5	8	1	3	1
	F	13	1	-	-	-	-	-	4	2	2	-	1	-	-
MALIGNANT NEOPLASMS (140-208)	ALL RACES.....	9,894	2	7	10	11	19	20	88	370	896	2,044	3,123	2,445	859
	WHITE M	4,640	-	3	6	4	7	8	39	134	401	991	1,614	1,137	293
	F	3,707	1	1	3	1	7	5	26	166	360	733	1,057	925	420
	OTHER RACES M	891	-	1	1	1	2	4	11	37	80	184	285	204	80
	F	656	-	3	-	-	2	3	12	33	55	136	167	179	66
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASMS OF UNCERTAIN BEHAVIOR AND OF UNSPECIFIED NATURE (210-239)	ALL RACES.....	128	2	-	-	-	-	-	3	11	7	13	39	36	17
	WHITE M	42	1	-	-	-	-	-	2	3	1	5	15	11	4
	F	56	-	-	-	-	-	-	-	7	4	4	14	17	10
	OTHER RACES M	12	1	-	-	-	-	-	1	-	1	-	6	2	1
	F	18	-	-	-	-	-	-	-	1	1	4	4	6	2
DIABETES MELLITUS (250)	ALL RACES.....	725	-	-	1	-	1	1	11	23	44	109	222	199	114
	WHITE M	318	-	-	1	-	1	-	4	11	18	41	71	49	22
	F	340	-	-	-	-	-	-	5	7	16	43	101	103	65
	OTHER RACES M	53	-	-	-	-	-	-	2	4	5	8	12	14	8
	F	114	-	-	-	-	-	1	-	1	5	17	38	33	19
NUTRITIONAL DEFICIENCIES (260-269)	ALL RACES.....	43	2	-	-	-	-	-	-	-	-	4	4	15	18
	WHITE M	22	1	-	-	-	-	-	-	-	-	2	2	10	6
	F	17	-	-	-	-	-	-	-	-	-	2	2	4	10
	OTHER RACES M	2	1	-	-	-	-	-	-	-	-	-	-	1	-
	F	2	-	-	-	-	-	-	-	-	-	-	-	1	1
ANEMIAS (280-285)	ALL RACES.....	75	-	-	1	-	2	-	3	2	2	3	9	30	23
	WHITE M	22	-	-	-	-	1	-	-	-	1	1	2	11	6
	F	40	-	-	-	-	-	-	1	-	1	1	5	15	17
	OTHER RACES M	5	-	-	1	-	1	-	1	1	-	-	-	1	-
	F	8	-	-	-	-	-	-	1	1	-	1	2	3	-
MENINGITIS (320-322)	ALL RACES.....	11	1	2	-	-	-	-	1	-	1	1	2	-	3
	WHITE M	2	-	-	-	-	-	-	-	-	-	1	-	-	1
	F	5	1	-	-	-	-	-	1	-	1	-	-	-	2
	OTHER RACES M	4	-	2	-	-	-	-	-	-	-	-	2	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE (390-398)	ALL RACES.....	100	-	-	-	-	-	-	2	1	8	21	27	26	15
	WHITE M	33	-	-	-	-	-	-	-	-	4	9	11	6	3
	F	61	-	-	-	-	-	-	1	-	4	10	15	19	12
	OTHER RACES M	2	-	-	-	-	-	-	1	-	-	-	-	1	-
	F	4	-	-	-	-	-	-	-	1	-	2	1	-	-
HYPERTENSIVE HEART DISEASE (402)	ALL RACES.....	517	-	-	-	-	-	3	11	20	40	64	108	160	111
	WHITE M	110	-	-	-	-	-	-	3	4	6	14	28	40	16
	F	177	-	-	-	-	-	-	-	1	4	8	33	60	43
	OTHER RACES M	90	-	-	-	-	-	1	3	7	13	21	18	18	9
	F	140	-	-	-	-	-	2	5	8	17	21	29	42	16
HYPERTENSIVE HEART AND RENAL DISEASE (404)	ALL RACES.....	50	-	-	-	-	-	-	-	2	2	4	9	16	17
	WHITE M	22	-	-	-	-	-	-	-	1	1	1	3	3	3
	F	19	-	-	-	-	-	-	-	-	-	2	3	6	8
	OTHER RACES M	8	-	-	-	-	-	-	-	-	-	-	2	2	4
	F	11	-	-	-	-	-	-	-	1	1	1	1	5	2
ISCHEMIC HEART DISEASE (410-414)	ALL RACES.....	10,500	1	-	-	-	-	4	32	179	540	1,348	2,528	3,431	2,437
	WHITE M	5,082	1	-	-	-	-	2	19	112	363	873	1,438	1,531	743
	F	4,246	-	-	-	-	-	1	4	29	92	301	812	1,548	1,459
	OTHER RACES M	578	-	-	-	-	-	-	7	25	53	103	146	161	82
	F	592	-	-	-	-	-	-	2	13	32	70	131	191	153

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TABLE III(CONTINUED)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1988

CAUSE OF DEATH		AGE AT DEATH													
		ALL DEATHS	UNDER 1 YEAR	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75-84 YEARS	85+ YEARS
ALL OTHER FORMS OF HEART DISEASE (415-429)	ALL RACES.....	4,843	18	5	2	1	7	9	40	82	200	568	1,075	1,462	1,371
	WHITE M	1,746	7	1	1	-	2	3	13	40	99	271	478	503	328
	F	2,026	5	2	-	-	2	-	12	29	77	138	330	660	834
	OTHER RACES M	510	4	2	1	1	3	2	11	7	34	65	136	157	71
	F	561	2	-	-	-	-	4	4	19	27	74	131	162	138
HYPERTENSION, WITH OR WITHOUT RENAL DISEASE (401,403)	ALL RACES.....	136	-	-	-	-	-	-	-	2	8	14	34	50	28
	WHITE M	41	-	-	-	-	-	-	-	1	4	5	14	11	6
	F	55	-	-	-	-	-	-	-	-	-	1	11	25	18
	OTHER RACES M	16	-	-	-	-	-	-	-	-	4	4	2	4	-
	F	24	-	-	-	-	-	-	-	1	-	4	5	10	4
CEREBROVASCULAR DISEASE (430-438)	ALL RACES.....	3,761	1	1	-	-	-	-	21	71	106	293	655	1,386	1,227
	WHITE M	1,204	-	1	-	-	-	-	5	19	37	124	276	461	281
	F	1,868	1	-	-	-	-	-	7	19	37	94	229	701	780
	OTHER RACES M	288	-	-	-	-	-	-	6	19	17	38	68	92	48
	F	401	-	-	-	-	-	-	3	14	15	37	82	132	118
ATHEROSCLEROSIS (440)	ALL RACES.....	416	-	-	-	-	-	-	-	2	5	19	44	145	201
	WHITE M	147	-	-	-	-	-	-	-	1	4	13	15	58	56
	F	220	-	-	-	-	-	-	-	-	1	4	23	70	122
	OTHER RACES M	23	-	-	-	-	-	-	-	1	-	1	4	9	8
	F	26	-	-	-	-	-	-	-	-	-	1	2	8	15
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES (441-448)	ALL RACES.....	472	-	-	-	-	-	3	3	4	12	62	157	153	78
	WHITE M	247	-	-	-	-	-	1	1	2	5	25	96	83	29
	F	164	-	-	-	-	-	2	1	1	3	17	43	52	44
	OTHER RACES M	32	-	-	-	-	-	-	-	1	2	-	13	9	3
	F	29	-	-	-	-	-	1	1	-	2	4	5	12	5
ACUTE BRONCHITIS AND BRONCHIOLITIS (466)	ALL RACES.....	16	3	1	-	-	-	-	-	-	-	2	2	6	2
	WHITE M	5	1	-	-	-	-	-	-	-	-	1	-	3	-
	F	7	-	-	-	-	-	-	-	-	-	-	2	3	2
	OTHER RACES M	2	1	1	-	-	-	-	-	-	-	-	-	-	-
	F	2	1	-	-	-	-	-	-	-	-	1	-	-	-
PNEUMONIA (480-486)	ALL RACES.....	1,593	6	2	2	1	2	2	11	20	31	86	224	561	645
	WHITE M	676	3	1	-	-	1	1	5	7	17	43	118	260	220
	F	701	2	-	2	1	1	-	3	9	4	19	73	234	352
	OTHER RACES M	112	-	-	-	-	-	1	3	3	6	15	25	30	31
	F	104	1	-	-	-	-	-	2	1	4	9	8	37	42
INFLUENZA (487)	ALL RACES.....	28	-	-	-	-	-	-	-	-	-	1	4	10	13
	WHITE M	12	-	-	-	-	-	-	-	-	-	-	3	5	4
	F	15	-	-	-	-	-	-	-	-	-	1	1	5	8
	OTHER RACES M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	-	-	-	-	-	-	1
BRONCHITIS, CHRONIC AND UNSPECIFIED (490-491)	ALL RACES.....	69	-	-	-	-	-	-	-	2	1	8	17	24	17
	WHITE M	37	-	-	-	-	-	-	-	1	-	3	12	14	7
	F	27	-	-	-	-	-	-	-	-	1	4	4	8	10
	OTHER RACES M	3	-	-	-	-	-	-	-	-	-	1	1	1	-
	F	2	-	-	-	-	-	-	-	1	-	-	-	1	-
EMPHYSEMA (492)	ALL RACES.....	284	1	-	-	-	-	1	-	2	10	52	100	85	33
	WHITE M	179	-	-	-	-	-	1	-	2	7	32	60	63	14
	F	87	-	-	-	-	-	-	-	-	3	19	28	20	17
	OTHER RACES M	17	1	-	-	-	-	-	-	-	-	1	11	2	2
	F	1	-	-	-	-	-	-	-	-	-	-	1	-	-
ASTHMA (493)	ALL RACES.....	79	-	-	-	3	3	-	4	2	6	19	20	13	9
	WHITE M	21	-	-	-	-	1	-	-	1	2	6	5	5	1
	F	36	-	-	-	-	1	-	1	-	4	6	8	8	8
	OTHER RACES M	12	-	-	-	3	-	-	3	-	-	2	3	-	-
	F	10	-	-	-	-	-	-	-	1	-	5	4	-	-

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TABLE III(CONTINUED)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1988

CAUSE OF DEATH		AGE AT DEATH													
		ALL DEATHS	UNDER 1 YEAR	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75-84 YEARS	85+ YEARS
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (494-496)	ALL RACES.....	1,318	-	-	-	-	-	-	1	2	55	222	448	448	142
	WHITE M	777	-	-	-	-	-	-	-	-	37	116	280	280	73
	F	442	-	-	-	-	-	-	1	2	15	82	138	135	62
	OTHER RACES M	64	-	-	-	-	-	-	-	-	2	16	20	22	7
	F	35	-	-	-	-	-	-	-	-	1	8	10	11	4
ULCER OF STOMACH AND DUODENUM (531-533)	ALL RACES.....	135	2	-	-	-	-	-	-	8	5	19	23	56	22
	WHITE M	55	1	-	-	-	-	-	-	6	3	9	11	32	13
	F	64	-	-	-	-	-	-	-	-	1	7	9	20	7
	OTHER RACES M	6	-	-	-	-	-	-	-	1	1	-	1	2	2
	F	10	1	-	-	-	-	-	-	1	-	1	2	3	1
APPENDICITIS (540-543)	ALL RACES.....	12	-	-	1	-	-	-	-	-	1	-	4	6	-
	WHITE M	4	-	-	-	-	-	-	-	-	1	-	2	1	-
	F	3	-	-	-	-	-	-	-	-	-	-	1	2	-
	OTHER RACES M	3	-	-	1	-	-	-	-	-	-	-	1	1	-
	F	2	-	-	-	-	-	-	-	-	-	-	-	1	-
HERNIA AND INTESTINAL OBSTRUCTION (550-553,560)	ALL RACES.....	115	3	-	-	-	-	-	1	2	1	7	18	51	32
	WHITE M	25	-	-	-	-	-	-	-	1	-	3	3	14	4
	F	67	2	-	-	-	-	-	-	-	1	3	10	29	22
	OTHER RACES M	13	-	-	-	-	-	-	-	1	-	1	4	5	2
	F	10	1	-	-	-	-	-	1	-	-	-	1	3	4
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	ALL RACES.....	413	-	-	-	1	-	1	15	51	65	113	94	62	11
	WHITE M	237	-	-	-	1	-	-	9	33	44	64	42	25	5
	F	150	-	-	-	-	-	1	1	7	10	33	29	25	5
	OTHER RACES M	38	-	-	-	-	-	-	4	5	6	10	3	5	1
	F	24	-	-	-	-	-	1	1	6	5	6	9	7	-
CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER (574-575)	ALL RACES.....	93	-	-	-	-	-	1	-	2	3	4	19	35	29
	WHITE M	38	-	-	-	-	-	-	-	-	2	3	8	20	5
	F	43	-	-	-	-	-	1	-	2	1	1	8	10	2
	OTHER RACES M	6	-	-	-	-	-	-	-	-	-	-	1	2	1
	F	6	-	-	-	-	-	-	-	-	-	-	2	3	1
ACUTE GLOMERULONEPHRITIS AND NEPHROTIC SYNDROME (580-581)	ALL RACES.....	13	-	-	-	-	-	-	-	1	1	3	2	6	-
	WHITE M	5	-	-	-	-	-	-	-	-	-	1	1	3	-
	F	3	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER RACES M	3	-	-	-	-	-	-	-	1	1	2	1	3	-
	F	2	-	-	-	-	-	-	-	-	-	-	-	-	-
CHRONIC GLOMERULONEPHRITIS AND UNSPECIFIED NEPHRITIS, NEPHROPATHY, AND RENAL SCLEROSIS (582-583,587)	ALL RACES.....	71	-	1	-	-	-	-	1	1	3	7	16	24	18
	WHITE M	33	-	1	-	-	-	-	-	-	1	3	7	7	3
	F	32	-	-	-	-	-	-	1	1	1	4	9	15	10
	OTHER RACES M	6	-	-	-	-	-	-	-	-	-	-	-	2	3
	F	10	-	-	-	-	-	-	-	-	-	-	-	-	3
RENAL FAILURE, DISORDERS RESULTING FROM IMPAIRED RENAL FUNCTION, AND SMALL KIDNEY OF UNKNOWN CAUSE (584-586,588-589)	ALL RACES.....	349	5	1	-	-	1	1	4	4	3	37	66	137	90
	WHITE M	114	2	1	-	-	-	-	-	2	1	9	22	54	22
	F	135	1	-	-	-	-	-	3	2	2	11	28	49	40
	OTHER RACES M	42	-	-	-	-	-	-	-	-	-	7	8	17	10
	F	58	2	-	-	-	1	1	1	-	-	10	13	18	13
INFECTIONS OF KIDNEY (590)	ALL RACES.....	45	-	-	-	-	-	1	-	-	-	3	7	16	18
	WHITE M	11	-	-	-	-	-	-	-	-	-	1	1	7	2
	F	30	-	-	-	-	-	1	-	-	-	2	6	7	15
	OTHER RACES M	3	-	-	-	-	-	-	-	-	-	-	-	1	1
	F	1	-	-	-	-	-	-	-	-	-	-	-	1	-
HYPERPLASIA OF PROSTATE (600)	ALL RACES.....	12	-	-	-	-	-	-	-	-	-	-	2	4	6
	WHITE M	10	-	-	-	-	-	-	-	-	-	-	2	3	5
	OTHER RACES M	2	-	-	-	-	-	-	-	-	-	-	-	1	1

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CAUSE OF DEATH		AGE AT DEATH												
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COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM (630-676)	ALL RACES..... M	8	-	-	-	-	-	2	3	3	-	-	-	-	-
	WHITE M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	3	-	-	-	-	-	1	1	1	-	-	-	-	-
	OTHER RACES M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	5	-	-	-	-	-	1	2	2	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	ALL RACES..... M	223	138	14	5	5	6	5	7	7	5	10	12	6	3
	WHITE M	87	42	7	4	3	3	3	5	5	5	5	6	5	1
	F	97	58	5	-	-	2	1	2	3	1	5	6	1	2
	OTHER RACES M	23	18	1	1	-	-	-	-	-	-	-	-	-	-
	F	31	22	1	-	2	-	1	-	1	1	-	1	-	-
BIRTH TRAUMA, INTRAUTERINE HYPOXIA, BIRTH ASPHYXIA, AND RESPIRATORY DISTRESS SYNDROME (767-769)	ALL RACES..... M	75	74	1	-	-	-	-	-	-	-	-	-	-	-
	WHITE M	26	25	1	-	-	-	-	-	-	-	-	-	-	-
	F	31	31	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER RACES M	18	18	-	-	-	-	-	-	-	-	-	-	-	-
	F	10	10	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-766, 770-779)	ALL RACES..... M	289	286	3	-	-	-	-	-	-	-	-	-	-	-
	WHITE M	90	90	-	-	-	-	-	-	-	-	-	-	-	-
	F	54	54	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER RACES M	88	87	1	-	-	-	-	-	-	-	-	-	-	-
	F	57	55	2	-	-	-	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	ALL RACES..... M	877	135	4	1	1	4	4	16	27	42	107	185	182	169
	WHITE M	370	46	2	1	-	2	4	8	19	25	63	85	75	42
	F	345	57	1	-	-	1	-	7	5	15	29	65	85	106
	OTHER RACES M	91	33	1	-	1	1	-	1	5	1	11	20	13	4
	F	70	23	-	-	-	-	-	-	-	1	4	15	10	17
ALL OTHER DISEASES (240-246,251-257,270-279,286-319 353-389,421-466,470-478,500-550, 554-557,560-568,572-575,580-629, 576-579,591-599,601-629,680-739)	ALL RACES..... M	3,609	32	15	15	13	18	21	82	110	174	379	698	1,149	903
	WHITE M	1,325	11	12	6	5	11	8	39	47	74	152	320	419	222
	F	1,678	5	5	8	4	4	7	18	31	56	134	252	576	622
	OTHER RACES M	297	5	1	1	3	1	1	11	22	26	48	63	65	584
	F	309	11	-	1	3	1	5	14	10	18	45	63	90	49
															48
MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL RACES..... M	1,288	7	21	21	35	205	188	278	167	107	83	90	63	22
	WHITE M	799	2	12	11	19	130	135	174	109	65	51	47	32	14
	F	330	3	8	6	11	57	35	57	34	29	26	39	23	6
	OTHER RACES M	125	1	1	5	3	16	20	37	17	9	5	3	6	2
	F	34	1	-	-	2	2	4	10	7	4	1	1	2	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807,E826-E949)	ALL RACES..... M	1,147	24	49	27	30	38	62	128	123	84	98	129	196	159
	WHITE M	600	8	20	15	12	29	51	73	83	46	63	57	92	51
	F	332	8	13	5	3	3	3	26	22	21	20	41	82	89
	OTHER RACES M	136	5	10	6	10	5	6	19	14	11	11	16	14	9
	F	78	7	6	1	5	1	2	10	3	3	4	15	8	13
SUICIDE (E950-E959)	ALL RACES..... M	662	-	-	-	8	31	62	137	103	107	69	89	41	15
	WHITE M	493	-	-	-	7	19	50	96	75	77	51	74	35	9
	F	110	-	-	-	1	7	5	19	17	27	15	9	4	6
	OTHER RACES M	46	-	-	-	-	3	5	17	9	2	3	5	2	-
	F	13	-	-	-	-	2	2	5	2	1	-	1	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	ALL RACES..... M	509	4	2	6	5	28	75	197	92	38	26	26	8	2
	WHITE M	155	-	1	2	3	4	17	55	36	20	10	8	-	1
	F	85	1	1	1	-	5	10	29	10	9	3	10	5	1
	OTHER RACES M	216	1	-	3	2	16	45	89	41	8	9	6	1	-
	F	53	2	-	-	-	3	5	24	5	1	4	2	2	-
ALL OTHER EXTERNAL CAUSES (E980-E999)	ALL RACES..... M	85	-	1	-	2	5	11	23	18	6	8	7	3	1
	WHITE M	57	-	1	-	2	3	8	15	12	5	4	4	2	1
	F	23	-	-	-	-	1	2	7	6	1	3	3	1	-
	OTHER RACES M	3	-	-	-	-	1	1	-	-	-	-	-	-	-
	F	2	-	-	-	-	-	-	1	-	-	1	-	-	-

TOTALS MAY INCLUDE ONE OR MORE DEATHS WITH AGE, RACE, AND/OR SEX NOT STATED.

TABLE IV-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1988

Cause of Death	All Races		White		All Other Races	
	Number	*Rate*	Number	*Rate*	Number	*Rate*
All Causes#	45,728	*9.2*	38,157	*9.3*	7,567	*8.7*
Typhoid and paratyphoid fevers (002)	–	–	–	–	–	–
Shigellosis (004)	–	–	–	–	–	–
Other salmonella infections and other food poisoning (bacterial) (003,005)	1	*0.0*	1	*0.0*	–	–
Amebiasis (006)	1	*0.0*	1	*0.0*	–	–
Certain other intestinal infections (007-009)	4	*0.1*	3	*0.1*	1	*0.1*
Tuberculosis of respiratory system (010-012)	50	*1.0*	42	*1.0*	8	*0.9*
Other tuberculosis, excluding late effects (013-018)	10	*0.2*	6	*0.1*	4	*0.5*
Brucellosis (023)	–	–	–	–	–	–
Diphtheria (032)	–	–	–	–	–	–
Whooping cough (033)	–	–	–	–	–	–
Streptococcal sore throat and scarlatina (034)	–	–	–	–	–	–
Erysipelas (035)	–	–	–	–	–	–
Meningococcal infection (036)	–	–	–	–	–	–
Tetanus (037)	5	*0.1*	5	*0.1*	1	*0.1*
Septicemia (038)	–	–	–	–	–	–
All other bacterial diseases (001,020-022,024-027, 030,031,039-041)	297	*6.0*	224	*5.5*	73	*8.4*
Human immunodeficiency virus (HIV) infection (*042-*044)	13	*0.3*	9	*0.2*	4	*0.5*
Acute poliomyelitis (045)	110	*2.2*	72	*1.8*	38	*4.4*
Viral encephalitis (049.8-049.9,062-064)	–	–	–	–	–	–
Measles (055)	1	*0.0*	1	*0.0*	–	–
Rubella (056)	–	–	–	–	–	–
Viral hepatitis (070)	–	–	–	–	–	–
All other viral diseases (046-049.1,050-054, 057,060,061,065,066,071-079)	31	*0.6*	28	*0.7*	3	*0.3*
Rocky Mountain spotted fever (082.0)	30	*0.6*	26	*0.6*	4	*0.5*
Other rickettsioses (080-081,082.1-083)	3	*0.1*	3	*0.1*	–	–
Malaria (084)	–	–	–	–	–	–
Cardiovascular syphilis (093)	–	–	–	–	–	–
Neurosyphilis (094)	–	–	–	–	–	–
All other syphilis (090-092,095-097)	1	*0.0*	1	*0.0*	–	–
Gonococcal infections (098)	1	*0.0*	–	–	1	*0.1*
Candidiasis (112)	–	–	–	–	–	–
Histoplasmosis (115)	19	*0.4*	14	*0.3*	5	*0.6*
All other mycoses (110,111,114,116-118)	6	*0.1*	5	*0.1*	1	*0.1*
Helminthiases (120-129)	27	*0.5*	23	*0.6*	4	*0.5*
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (085-088,099-104,130-139)	3	*0.1*	3	*0.1*	–	–
Malignant neoplasm of lip, oral cavity, and pharynx (140-149)	26	*0.5*	21	*0.5*	5	*0.6*
Malignant neoplasm of esophagus (150)	157	*3.2*	136	*3.3*	21	*2.4*
Malignant neoplasm of stomach (151)	151	*3.0*	106	*2.6*	45	*5.2*
Malignant neoplasm of small intestine, including duodenum (152)	224	*4.5*	165	*4.0*	59	*6.8*
Malignant neoplasm of colon (153)	18	*0.4*	15	*0.4*	3	*0.3*
Malignant neoplasm of rectum, rectosigmoid junction, and anus (154)	909	*18.3*	766	*18.7*	143	*16.5*
Malignant neoplasm of liver and intrahepatic bile ducts (155)	144	*2.9*	116	*2.8*	28	*3.2*
Malignant neoplasm of gallbladder and extrahepatic bile ducts (156)	136	*2.7*	112	*2.7*	24	*2.8*
Malignant neoplasm of pancreas (157)	76	*1.5*	66	*1.6*	10	*1.2*
Malignant neoplasm of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	490	*9.9*	420	*10.3*	70	*8.1*
	34	*0.7*	29	*0.7*	5	*0.6*

For definition of certain terms and explanation of rates, see page 95 of this Bulletin.
Totals may include one or more deaths with race not stated.
#Rate per 1,000 population.
*These codes are not part of the *Ninth Revision International Classification of Diseases*.

TABLE IV (Continued)-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1988

Cause of Death	All Races		White		All Other Races	
	Number	*Rate*	Number	*Rate*	Number	*Rate*
Malignant neoplasm of larynx (161)	67	*1.4*	54	*1.3*	13	*1.5*
Malignant neoplasm of trachea, bronchus, and lung (162)	3,083	*62.2*	2,664	*65.1*	419	*48.4*
Malignant neoplasm of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	29	*0.6*	24	*0.6*	5	*0.6*
Malignant neoplasm of bone and articular cartilage and of connective and other soft tissue (170-171)	62	*1.3*	52	*1.3*	10	*1.2*
Malignant neoplasm of skin (172-173)	175	*3.5*	160	*3.9*	15	*1.7*
Malignant neoplasm of female breast (174)	805	*31.6*	674	*32.2*	131	*29.1*
Malignant neoplasm of male breast (175)	7	*0.3*	6	*0.3*	1	*0.2*
Malignant neoplasm of cervix uteri (180)	110	*4.3*	90	*4.3*	20	*4.4*
Malignant neoplasm of other parts of uterus (179,181-182)	135	*5.3*	111	*5.3*	24	*5.3*
Malignant neoplasm of other female genital organs (183-184)	277	*10.9*	249	*11.9*	28	*6.2*
Malignant neoplasm of prostate (185)	615	*25.5*	466	*23.3*	149	*35.9*
Malignant neoplasm of other male genital organs (186-187)	13	*0.5*	10	*0.5*	3	*0.7*
Malignant neoplasm of bladder (188)	185	*3.7*	154	*3.8*	31	*3.6*
Malignant neoplasm of kidney and other and unspecified urinary organs (189)	194	*3.9*	170	*4.2*	24	*2.8*
Malignant neoplasm of brain (191)	254	*5.1*	230	*5.6*	24	*2.8*
Malignant neoplasm of all other and unspecified sites (190,192-195,199)	663	*13.4*	539	*13.2*	124	*14.3*
Lymphosarcoma and reticulosarcoma (200)	26	*0.5*	24	*0.6*	2	*0.2*
Hodgkin's disease (201)	40	*0.8*	36	*0.9*	2	*0.2*
Other malignant neoplasm of lymphoid and histiocytic tissue (202)	280	*5.6*	260	*6.4*	20	*3.0*
Multiple myeloma and immunoproliferative neoplasms (203)	199	*4.0*	159	*3.9*	40	*4.6*
Lymphoid leukemia (204)	104	*2.1*	89	*2.2*	15	*1.7*
Myeloid leukemia (205)	121	*2.4*	104	*2.5*	17	*2.0*
Other and unspecified leukemia (206-208)	105	*2.1*	89	*2.2*	16	*1.8*
Benign neoplasms (210-229)	44	*0.9*	31	*0.8*	13	*1.5*
Carcinoma in situ (230-234)	-	-	-	-	-	-
Neoplasms of uncertain behavior and unspecified nature (235-239)	84	*1.7*	67	*1.6*	17	*2.0*
Disorders of thyroid gland (240-246)	19	*0.4*	15	*0.4*	4	*0.5*
Diabetes mellitus (250)	725	*14.6*	558	*13.6*	167	*19.3*
Diseases of other endocrine glands (251-259)	17	*0.3*	12	*0.3*	5	*0.6*
Nutritional deficiencies (260-269)	43	*0.9*	39	*1.0*	4	*0.5*
Other metabolic disorders and immunity disorders (270-279)	207	*4.2*	169	*4.1*	38	*4.4*
Anemias (280-285)	75	*1.5*	62	*1.5*	13	*1.5*
All other diseases of blood and blood-forming organs (286-289)	77	*1.6*	68	*1.7*	9	*1.0*
Psychoses (290-299)	271	*5.5*	231	*5.6*	40	*4.6*
Alcohol dependence syndrome (303)	93	*1.9*	65	*1.6*	28	*3.2*
Drug dependence (304)	1	*0.0*	1	*0.0*	-	-
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	186	*3.8*	159	*3.9*	27	*3.1*
Mental retardation (317-319)	16	*0.3*	14	*0.3*	2	*0.2*
Meningitis (320-322)	11	*0.2*	7	*0.2*	4	*0.5*
Parkinson's disease (332)	87	*1.8*	84	*2.1*	3	*0.3*
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	406	*8.2*	371	*9.1*	35	*4.0*
Multiple sclerosis (340)	25	*0.5*	20	*0.5*	5	*0.6*
Infantile cerebral palsy (343)	15	*0.3*	13	*0.3*	2	*0.2*
Epilepsy (345)	30	*0.6*	20	*0.5*	10	*1.2*

For definition of certain terms and explanation of rates, see page 96 of this Bulletin.
Totals may include one or more deaths with race not stated.

TABLE IV (Continued)-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1988

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
All other diseases of central nervous system (323-325,341-342,344,346-359)	131	2.6	105	2.6	26	3.0
Disorders of the eye and adnexa (360-379)	–	–	–	–	–	–
Disorders of the ear and mastoid process (380-389)	2	0.0	2	0.0	–	–
Acute rheumatic fever (390-392)	1	0.0	1	0.0	–	–
Diseases of mitral valve (394)	47	0.9	44	1.1	3	0.3
Diseases of aortic valve (395)	2	0.0	2	0.0	–	–
Diseases of mitral and aortic valves (396)	19	0.4	17	0.4	2	0.2
All other chronic rheumatic heart disease (393,397-398)	31	0.6	30	0.7	1	0.1
Essential hypertension (401)	53	1.1	37	0.9	16	1.8
Hypertensive heart disease (402)	517	10.4	287	7.0	230	26.6
Hypertensive renal disease (403)	83	1.7	59	1.4	24	2.8
Hypertensive heart and renal disease (404)	50	1.0	31	0.8	19	2.2
Acute myocardial infarction (410)	6,165	124.4	5,533	135.3	631	72.9
Other acute and subacute forms of ischemic heart disease (411)	58	1.2	46	1.1	12	1.4
Angina pectoris (413)	23	0.5	22	0.5	1	0.1
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	4,254	85.8	3,727	91.1	526	60.7
Diseases of pulmonary circulation (415-417)	285	5.8	228	5.6	57	6.6
Acute pericarditis, acute and subacute endocarditis, acute myocarditis, and other diseases of pericardium (420-423)	32	0.6	21	0.5	11	1.3
Other diseases of endocardium (424)	186	3.8	168	4.1	18	2.1
Cardiomyopathy (425)	364	7.3	275	6.7	89	10.3
Heart failure (428)	949	19.1	813	19.9	136	15.7
All other and ill-defined forms of heart disease (426-427,429)	3,027	61.1	2,267	55.1	760	87.8
Subarachnoid hemorrhage (430)	150	3.0	130	3.2	20	2.3
Intracerebral and other and unspecified intracranial hemorrhage (431-432)	446	9.0	340	8.3	106	12.2
Occlusion and stenosis of precerebral arteries (433)	20	0.4	17	0.4	3	0.3
Occlusion of cerebral arteries (434)	481	9.7	402	9.8	79	9.1
Acute but ill-defined cerebrovascular disease (436)	2,248	45.4	1,838	44.9	410	47.3
Other and ill-defined and late effects of cerebrovascular disease (435,437-438)	416	8.4	345	8.4	71	8.2
Atherosclerosis (440)	416	8.4	367	9.0	49	5.7
Aortic aneurysm (441)	284	5.7	255	6.2	29	3.3
All other diseases of arteries, arterioles, and capillaries (442-448)	188	3.8	156	3.8	32	3.7
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	75	1.5	62	1.5	13	1.5
Acute bronchitis and bronchiolitis (466)	16	0.3	12	0.3	4	0.5
Viral pneumonia (480)	12	0.2	11	0.3	1	0.1
Pneumococcal and other bacterial pneumonia (481-482)	105	2.1	97	2.4	8	0.9
Bronchopneumonia, organism unspecified (485)	126	2.5	119	2.9	7	0.8
Pneumonia due to other and unspecified organism (483,486)	1,350	27.2	1,150	28.1	200	23.1
Influenza (487)	28	0.6	27	0.7	1	0.1
Bronchitis, chronic and unspecified (490-491)	69	1.4	64	1.6	5	0.6
Emphysema (492)	284	5.7	266	6.5	18	2.1
Asthma (493)	79	1.6	57	1.4	22	2.5
Chronic airways obstruction, not elsewhere classified (496)	1,303	26.3	1,206	29.5	97	11.2
Empyema and abscess of lung and mediastinum (510,513)	19	0.4	16	0.4	3	0.3
Pleurisy (511)	20	0.4	16	0.4	4	0.5
All other diseases of the respiratory system (460-465, 470-478,494-495,500-508,512,514-519)	494	10.0	421	10.3	73	8.4

For definition of certain terms and explanation of rates, see page 95 of this Bulletin.
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TABLE IV (Continued)-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1988

Cause of Death	All Races		White		All Other Races	
	Number	*Rate*	Number	*Rate*	Number	*Rate*
Diseases of oral cavity, salivary glands, and jaws (520-529)	5	*0.1*	3	*0.1*	2	*0.2*
Gastric ulcer (531)	43	*0.9*	39	*1.0*	4	*0.5*
Duodenal ulcer (532)	42	*0.8*	36	*0.9*	6	*0.7*
Peptic ulcer, site unspecified (533)	50	*1.0*	44	*1.1*	6	*0.7*
Gastritis and duodenitis (535)	8	*0.2*	6	*0.1*	2	*0.2*
Other diseases of esophagus, stomach, and duodenum (530,534,536,537)	58	*1.2*	55	*1.3*	3	*0.3*
Appendicitis (540-543)	12	*0.2*	7	*0.2*	5	*0.6*
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	115	*2.3*	92	*2.2*	23	*2.7*
Regional enteritis and idiopathic proctocolitis (555-556)	13	*0.3*	10	*0.2*	3	*0.3*
All other noninfective gastroenteritis and colitis (557-558)	201	*4.1*	179	*4.4*	22	*2.5*
Diverticula of intestine (562)	75	*1.5*	70	*1.7*	5	*0.6*
Chronic liver disease and cirrhosis (571)	413	*8.3*	351	*8.6*	62	*7.2*
Cholelithiasis and other disorders of gallbladder (574-575)	93	*1.9*	81	*2.0*	12	*1.4*
All other diseases of digestive system (564-570, 572-573,576-579)	300	*7.3*	334	*7.4*	56	*6.5*
Acute glomerulonephritis (580)	4	*0.1*	1	*0.0*	3	*0.3*
Nephrotic syndrome (581)	9	*0.2*	7	*0.2*	2	*0.2*
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	71	*1.4*	55	*1.3*	16	*1.8*
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	349	*7.0*	249	*6.1*	100	*11.5*
Infections of kidney (590)	45	*0.9*	41	*1.0*	4	*0.5*
Urinary calculus (592,594)	10	*0.2*	8	*0.2*	2	*0.2*
All other diseases of urinary system (591,593,595-599)	478	*9.6*	354	*8.7*	124	*14.3*
Hyperplasia of prostate (600)	12	*0.5*	10	*0.5*	2	*0.5*
Other diseases of male genital organs (601-608)	5	*0.2*	4	*0.2*	1	*0.2*
Disorders of breast (610-611)	-	-	-	-	-	-
Diseases of female genital organs (614-629)	9	*0.4*	6	*0.3*	3	*0.7*
Pregnancy with abortive outcome (630-638)**	-	-	-	-	-	-
Hemorrhage of pregnancy and childbirth (640-641,666)**	-	-	-	-	-	-
Toxemia of pregnancy, childbirth, and the puerperium (642.4-642.9,643)**	1	*0.1*	1	*0.2*	-	-
Other complications of pregnancy, childbirth, and the puerperium (642.0-642.3,644-665,667-676)**	7	*1.0*	2	*0.4*	5	*2.8*
Infections of skin and subcutaneous tissue (680-686)	21	*0.4*	15	*0.4*	6	*0.7*
All other inflammatory conditions and diseases of skin and subcutaneous tissue (690-709)	42	*0.8*	23	*0.6*	19	*2.2*
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	51	*1.0*	46	*1.1*	5	*0.6*
Other arthropathies and related disorders (710-712,715-719)	67	*1.4*	46	*1.1*	21	*2.4*
Dorsopathies (720-724)	5	*0.1*	3	*0.1*	2	*0.2*
Rheumatism, excluding the back (725-729)	6	*0.1*	4	*0.1*	2	*0.2*
Osteopathies, chondropathies, and acquired musculo-skeletal deformities (730-739)	19	*0.4*	16	*0.4*	3	*0.3*
Spina bifida (741)	7	*0.1*	6	*0.1*	1	*0.1*
All other congenital anomalies of nervous system (740,742)	27	*0.5*	22	*0.5*	5	*0.6*
Congenital anomalies of heart (745-746)	77	*1.6*	58	*1.4*	19	*2.2*
Other congenital anomalies of circulatory system (747)	18	*0.4*	12	*0.3*	6	*0.7*
All other congenital anomalies (743-744,748-759)	94	*1.9*	71	*1.7*	23	*2.7*

For definition of certain terms and explanation of rates, see page 95 of this Bulletin.
Totals may include one or more deaths with race not stated.
**Rate per 10,000 live births.

TABLE IV (Continued)-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1988

Cause of Death	All Races		White		All Other Races	
	Number	*Rate*	Number	*Rate*	Number	*Rate*
Certain conditions originating in the perinatal period (760-779)	364	*7.3*	191	*4.7*	173	*20.0*
Immaturity (765)	48	*1.0*	23	*0.6*	25	*2.9*
Birth trauma (767)	3	*0.1*	1	*0.0*	2	*0.2*
Intrauterine hypoxia and birth asphyxia (768)	21	*0.4*	11	*0.3*	10	*1.2*
Respiratory distress syndrome (769)	51	*1.0*	35	*0.9*	16	*1.8*
All other conditions originating in the perinatal period (760-764,766,770-779)	241	*4.9*	121	*3.0*	120	*13.9*
Senility without mention of psychosis (797)	20	*0.4*	18	*0.4*	2	*0.2*
Symptoms, signs, and ill-defined conditions (780-796,798-799)	857	*17.3*	697	*17.0*	159	*18.4*
Railway accidents (E800-E807)	5	*0.1*	3	*0.1*	2	*0.2*
Motor vehicle traffic accident involving collision with another motor vehicle (E811-E812)	539	*10.9*	479	*11.7*	60	*6.9*
Motor vehicle traffic accident involving collision with other vehicle or object (E813,E815)	333	*6.7*	289	*7.1*	44	*5.1*
Motor vehicle traffic accident involving collision with pedestrian (E814)	108	*2.2*	81	*2.0*	27	*3.1*
Motor vehicle accident not involving collision on highway (E816-E818)	202	*4.1*	189	*4.6*	13	*1.5*
Motor vehicle traffic accidents of other and unspecified nature (E810,E819)	72	*1.5*	59	*1.4*	13	*1.5*
Motor vehicle nontraffic accidents (E820-E825)	34	*0.7*	32	*0.8*	2	*0.2*
Other road vehicle accidents (E826-E829)	3	*0.1*	3	*0.1*	-	-
Water transport accidents (E830-E838)	17	*0.3*	16	*0.4*	1	*0.1*
Air and space transport accidents (E840-E845)	22	*0.4*	22	*0.5*	-	-
Vehicle accidents not elsewhere classifiable (E846-E848)	3	*0.1*	3	*0.1*	-	-
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	81	*1.6*	69	*1.7*	12	*1.4*
Accidental poisoning by other solid and liquid substances, gases, and vapors (E860-E869)	31	*0.6*	25	*0.6*	6	*0.7*
Misadventures during surgical and medical care, abnormal reactions, and late complications (E870-E879)	51	*1.0*	32	*0.8*	19	*2.2*
Accidental falls (E880-E888)	251	*5.1*	229	*5.6*	21	*2.4*
Accidents caused by fire and flames (E890-E899)	172	*3.5*	110	*2.7*	62	*7.2*
Accidents due to natural and environmental factors (E900-E909)	39	*0.8*	25	*0.6*	14	*1.6*
Accidental drowning and submersion (E910)	89	*1.8*	74	*1.8*	15	*1.7*
Suffocation by food or other object (E911-E912)	129	*2.6*	112	*2.7*	17	*2.0*
Accident caused by firearm missile (E922)	74	*1.5*	60	*1.5*	14	*1.6*
All other accidents and late effects of accidental injury (E913-E921,E923-E929)	174	*3.5*	144	*3.5*	30	*3.5*
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	6	*0.1*	5	*0.1*	1	*0.1*
Suicide and selfinflicted injury by firearms and explosives (E955)	506	*10.2*	467	*11.4*	38	*4.4*
All other suicides and selfinflicted injuries (E950-E954,E956-E959)	157	*3.2*	136	*3.3*	21	*2.4*
Assault by firearms and explosives (E965)	349	*7.0*	168	*4.1*	181	*20.9*
All other homicides and injuries purposely inflicted by other persons (E960-E964,E966-E969)	158	*3.2*	70	*1.7*	88	*10.2*
Legal intervention (E970-E978)	2	*0.0*	2	*0.0*	-	-
Injury by firearms and explosives, undetermined whether accidentally or purposely inflicted (E985)	37	*0.7*	36	*0.9*	1	*0.1*
All other injuries undetermined whether accidentally or purposely inflicted (E980-E984,E986-E989)	47	*0.9*	44	*1.1*	3	*0.3*
Injury resulting from operations of war (E990-E999)	1	*0.0*	-	-	1	*0.1*

For definition of certain terms and explanation of rates, see page 95 of this Bulletin.
Totals may include one or more deaths with race not stated.

TABLE V-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	STATE						ANDERSON						BEDFORD					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 4,956,346		WHITE 4,090,426		OTHER RACES 865,920		ALL RACES 70,714		WHITE 66,736		OTHER RACES 3,978		ALL RACES 29,401		WHITE 26,040		OTHER RACES 3,361	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	70685	14.3	53053	13.0	17625	20.4	839	11.9	766	11.5	73	18.4	380	12.9	332	12.7	48	14.3
ILLEGITIMATE BIRTHS	19504	27.6	7816	14.7	11684	66.3	178	21.2	138	18.0	40	54.8	81	21.3	47	14.2	34	70.8
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	5566	7.9	3357	6.3	2207	12.5	74	8.8	66	8.6	8	11.0	25	6.6	20	6.0	5	10.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	762	10.8	438	8.3	324	18.4	6	7.2	6	7.8	-	-	6	15.8	5	15.1	1	20.8
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	458	6.5	258	4.9	200	11.3	3	3.6	3	3.9	-	-	4	10.5	4	12.0	-	-
UNDER 7 DAYS OF AGE	378	5.3	216	4.1	162	9.2	3	3.6	3	3.9	-	-	4	10.5	4	12.0	-	-
7-27 DAYS OF AGE	80	1.1	42	0.8	38	2.2	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	472	6.7	273	5.1	199	11.3	7	8.3	5	6.5	2	27.4	1	2.6	1	3.0	-	-
INDUCED ABORTIONS	19305	273.1	12687	237.1	6553	381.8	221	263.4	195	251.3	25	396.8	60	157.9	43	129.1	17	361.7
TOTAL DEATHS	45728	9.2	38157	9.3	7567	8.7	672	9.5	650	9.7	22	5.5	335	11.4	290	11.1	45	13.4
CAUSE OF DEATH																		
SEPTICEMIA (038)	297	6.0	224	5.5	73	8.4	2	2.8	2	3.0	-	-	1	3.4	1	3.8	-	-
MALIGNANT NEOPLASMS (140-208)	9894	199.6	8347	204.1	1547	178.7	162	229.1	154	230.8	8	-	69	234.7	60	230.4	9	-
DIABETES MELLITUS (250)	725	14.6	558	13.6	167	19.3	15	21.2	15	22.5	-	-	7	23.8	4	15.4	3	-
DISEASES OF HEART (390-398,402,404-429)	16010	323.0	13512	330.3	2496	288.2	199	281.4	194	290.7	5	-	114	387.7	97	372.5	17	-
CEREBROVASCULAR DISEASE (430-438)	3761	75.9	3072	75.1	689	79.6	48	67.9	47	70.4	1	-	38	129.2	36	138.2	2	-
ATHEROSCLEROSIS (440)	416	8.4	367	9.0	49	5.7	22	31.1	20	30.0	2	-	5	17.0	5	19.2	-	-
PNEUMONIA AND INFLUENZA (480-487)	1621	32.7	1404	34.3	217	25.1	20	28.3	19	28.5	1	-	13	44.2	11	42.2	2	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	1750	35.3	1606	39.3	144	16.6	38	53.7	37	55.4	1	-	11	37.4	11	42.2	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	413	8.3	351	8.6	62	7.2	7	9.9	7	10.5	-	-	3	10.2	3	11.5	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	433	8.7	312	7.6	121	14.0	2	2.8	2	3.0	-	-	6	20.4	4	15.4	2	-
CONGENITAL ANOMALIES (740-759)	223	4.5	169	4.1	54	6.2	2	2.8	2	3.0	-	-	1	3.4	1	3.8	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	364	7.3	191	4.7	173	20.0	3	4.2	3	4.5	-	-	3	10.2	3	11.5	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	877	17.7	715	17.5	161	18.6	24	33.9	24	36.0	-	-	3	10.2	3	11.5	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	2435	49.1	2061	50.4	373	43.1	32	45.3	31	46.5	1	-	17	57.8	14	53.8	3	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	1288	26.0	1129	27.6	159	18.4	17	24.0	16	24.0	1	-	6	20.4	6	23.0	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	1147	23.1	932	22.8	214	24.7	15	21.2	15	22.5	-	-	11	37.4	8	30.7	3	-
SUICIDE (E950-E959)	662	13.4	603	14.7	59	6.8	10	14.1	10	15.0	-	-	4	13.6	3	11.5	1	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	509	10.3	240	5.9	269	31.1	4	5.7	4	6.0	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	5338	107.7	4425	108.2	913	105.4	82	116.0	79	118.4	3	-	40	136.0	34	130.6	6	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	BENTON						BLEDSOE						BLOUNT					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 15,763		WHITE 15,359		OTHER RACES 404		ALL RACES 10,327		WHITE 10,001		OTHER RACES 326		ALL RACES 83,541		WHITE 80,341		OTHER RACES 3,200	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	162	10.3	151	9.8	11	27.2	118	11.4	117	11.7	1	3.1	996	11.9	954	11.9	42	13.1
ILLEGITIMATE BIRTHS	24	14.8	17	11.3	7	63.6	18	15.3	18	15.4	-	-	167	16.8	143	15.0	24	57.1
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	10	6.2	9	6.0	1	9.1	5	4.2	5	4.3	-	-	55	5.5	51	5.3	4	9.5
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	12.3	2	13.2	-	-	-	-	-	-	-	-	8	8.0	8	8.4	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	12.3	2	13.2	-	-	-	-	-	-	-	-	5	5.0	5	5.2	-	-
UNDER 7 DAYS OF AGE	2	12.3	2	13.2	-	-	-	-	-	-	-	-	4	4.0	4	4.2	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	1	1.0	1	1.0	-	-
FETAL DEATHS	1	6.2	1	6.6	-	-	-	-	-	-	-	-	2	2.0	2	2.1	-	-
INDUCED ABORTIONS	29	179.0	26	169.9	3	-	12	101.7	11	94.0	-	-	266	267.1	237	247.4	29	763.2
TOTAL DEATHS	187	11.9	183	11.9	4	9.9	102	9.9	98	9.8	4	12.3	781	9.3	745	9.3	36	11.2
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	6.3	1	6.5	-	-	-	-	-	-	-	-	5	6.0	4	5.0	1	-
MALIGNANT NEOPLASMS (140-208)	45	285.5	45	293.0	-	-	22	213.0	21	210.0	1	-	167	199.9	162	201.6	5	-
DIABETES MELLITUS (250)	1	6.3	1	6.5	-	-	3	29.1	3	30.0	-	-	4	4.8	4	5.0	-	-
DISEASES OF HEART (390-398,402,404-429)	78	494.8	78	507.8	-	-	40	387.3	38	380.0	2	-	281	336.4	266	331.1	15	-
CEREBROVASCULAR DISEASE (430-438)	10	63.4	10	65.1	-	-	6	58.1	6	60.0	-	-	66	79.0	64	79.7	2	-
ATHEROSCLEROSIS (440)	1	6.3	1	6.5	-	-	1	9.7	1	10.0	-	-	9	10.8	9	11.2	-	-
PNEUMONIA AND INFLUENZA (480-487)	10	63.4	10	65.1	-	-	-	-	-	-	-	-	23	27.5	22	27.4	1	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	5	31.7	5	32.6	-	-	11	106.5	10	100.0	1	-	22	26.3	20	24.9	2	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	6.3	1	6.5	-	-	1	9.7	1	10.0	-	-	11	13.2	9	11.2	2	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	6.3	1	6.5	-	-	-	-	-	-	-	-	6	7.2	6	7.5	-	-
CONGENITAL ANOMALIES (740-759)	1	6.3	1	6.5	-	-	-	-	-	-	-	-	4	4.8	4	5.0	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	6.3	1	6.5	-	-	-	-	-	-	-	-	4	4.8	4	5.0	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3	19.0	2	13.0	1	-	1	9.7	1	10.0	-	-	31	37.1	28	34.9	3	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	8	50.8	8	52.1	-	-	6	58.1	6	60.0	-	-	41	49.1	39	48.5	2	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	3	19.0	3	19.5	-	-	2	19.4	2	20.0	-	-	25	29.9	24	29.9	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5	31.7	5	32.6	-	-	4	38.7	4	40.0	-	-	16	19.2	15	18.7	1	-
SUICIDE (E950-E959)	-	-	-	-	-	-	4	38.7	4	40.0	-	-	11	13.2	10	12.4	1	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	-	-	-	-	-	-	3	3.6	3	3.7	-	-
ALL OTHER CAUSES	21	133.2	18	117.2	3	-	7	67.8	7	70.0	-	-	93	111.3	91	113.3	2	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	BRADLEY						CAMPBELL						CANNON					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 75,668		WHITE 72,124		OTHER RACES 3,544		ALL RACES 39,142		WHITE 38,830		OTHER RACES 312		ALL RACES 10,806		WHITE 10,586		OTHER RACES 220	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	963	12.7	913	12.7	50	14.1	515	13.2	512	13.2	2	6.4	124	11.5	121	11.4	2	9.1
ILLEGITIMATE BIRTHS	162	16.8	139	15.2	23	46.0	107	20.8	106	20.7	1	-	18	14.5	16	13.2	1	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	60	6.2	58	6.4	2	4.0	41	8.0	40	7.8	-	-	5	4.0	5	4.1	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	9	9.3	8	8.8	1	20.0	10	19.4	10	19.5	-	-	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	5	5.2	5	5.5	-	-	7	13.6	7	13.7	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	5	5.2	5	5.5	-	-	6	11.7	6	11.7	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	1	1.9	1	2.0	-	-	-	-	-	-	-	-
FETAL DEATHS	7	7.3	5	5.5	2	40.0	3	5.8	3	5.9	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	185	192.1	169	183.3	15	365.9	73	141.7	71	138.1	1	-	21	169.4	20	163.9	1	-
TOTAL DEATHS	613	8.1	587	8.1	26	7.3	363	9.3	361	9.3	2	6.4	94	8.7	94	8.9	-	-
CAUSE OF DEATH																		
SEPTICEMIA (038)	3	4.0	2	2.8	1	-	2	5.1	2	5.2	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	119	157.3	116	160.8	3	-	74	189.1	74	190.6	-	-	18	166.6	18	170.0	-	-
DIABETES MELLITUS (250)	19	25.1	18	25.0	1	-	4	10.2	4	10.3	-	-	2	18.5	2	18.9	-	-
DISEASES OF HEART (390-398,402,404-429)	197	260.3	189	262.0	8	-	135	344.9	135	347.7	-	-	39	360.9	39	368.4	-	-
CEREBROVASCULAR DISEASE (430-438)	61	80.6	57	79.0	4	-	25	63.9	25	64.4	-	-	6	55.5	6	56.7	-	-
ATHEROSCLEROSIS (440)	2	2.6	2	2.8	-	-	1	2.6	1	2.6	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	17	22.5	16	22.2	1	-	17	43.4	17	43.8	-	-	2	18.5	2	18.9	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	22	29.1	21	29.1	1	-	24	61.3	24	61.8	-	-	4	37.0	4	37.8	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3	4.0	3	4.2	-	-	6	15.3	6	15.5	-	-	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5	6.6	5	6.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	2	2.6	2	2.8	-	-	4	10.2	4	10.3	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	4	5.3	4	5.5	-	-	6	15.3	6	15.5	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	19	25.1	16	22.2	3	-	6	15.3	6	15.5	-	-	-	-	-	-	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	42	55.5	41	56.8	1	-	17	43.4	16	41.2	1	-	10	92.5	10	94.5	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	25	33.0	25	34.7	-	-	8	20.4	7	18.0	1	-	6	55.5	6	56.7	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	17	22.5	16	22.2	1	-	9	23.0	9	23.2	-	-	4	37.0	4	37.8	-	-
SUICIDE (E950-E959)	22	29.1	22	30.5	-	-	4	10.2	4	10.3	-	-	4	37.0	4	37.8	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	5	6.6	5	6.9	-	-	4	10.2	4	10.3	-	-	3	27.8	3	28.3	-	-
ALL OTHER CAUSES	71	93.8	68	94.3	3	-	34	86.9	33	85.0	1	-	6	55.5	6	56.7	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	CARROLL						CARTER						CHEATHAM					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 29,357		WHITE 25,829		OTHER RACES 3,528		ALL RACES 52,841		WHITE 52,232		OTHER RACES 609		ALL RACES 26,119		WHITE 25,488		OTHER RACES 631	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	335	11.4	295	11.4	40	11.3	591	11.2	585	11.2	6	9.9	395	15.1	390	15.3	5	7.9
ILLEGITIMATE BIRTHS	51	15.2	31	10.5	20	50.0	100	16.9	99	16.9	1	-	51	12.9	50	12.8	1	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	22	6.6	20	6.8	2	5.0	43	7.3	42	7.2	1	-	22	5.6	21	5.4	1	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3	9.0	2	6.8	1	25.0	7	11.8	7	12.0	-	-	4	10.1	4	10.3	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	6	10.2	6	10.3	-	-	2	5.1	2	5.1	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	6	10.2	6	10.3	-	-	2	5.1	2	5.1	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	2	6.0	2	6.8	-	-	3	5.1	2	3.4	1	-	-	-	-	-	-	-
INDUCED ABORTIONS	60	179.1	48	162.2	12	307.7	58	98.1	57	97.1	-	-	52	131.6	51	130.4	1	-
TOTAL DEATHS	337	11.5	307	11.9	30	8.5	494	9.3	489	9.4	5	8.2	182	7.0	178	7.0	4	6.3
CAUSE OF DEATH																		
SEPTICEMIA (038)	3	10.2	2	7.7	1	-	3	5.7	3	5.7	-	-	1	3.8	1	3.9	-	-
MALIGNANT NEOPLASMS (140-208)	64	218.0	57	220.7	7	-	112	212.0	111	212.5	1	-	39	149.3	39	153.0	-	-
DIABETES MELLITUS (250)	3	10.2	2	7.7	1	-	4	7.6	2	3.8	2	-	4	15.3	4	15.7	-	-
DISEASES OF HEART (390-398,402,404-429)	137	466.7	127	491.7	10	-	162	306.6	162	310.2	-	-	66	252.7	63	247.2	3	-
CEREBROVASCULAR DISEASE (430-438)	33	112.4	32	123.9	1	-	45	85.2	43	82.3	2	-	14	53.6	13	51.0	1	-
ATHEROSCLEROSIS (440)	1	3.4	1	3.9	-	-	4	7.6	4	7.7	-	-	2	7.7	2	7.8	-	-
PNEUMONIA AND INFLUENZA (480-487)	10	34.1	9	34.8	1	-	18	34.1	18	34.5	-	-	2	7.7	2	7.8	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	20	68.1	20	77.4	-	-	18	34.1	18	34.5	-	-	9	34.5	9	35.3	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3	10.2	3	11.6	-	-	6	11.4	6	11.5	-	-	2	7.7	2	7.8	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5	17.0	4	15.5	1	-	6	11.4	6	11.5	-	-	2	7.7	2	7.8	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	2	3.8	2	3.8	-	-	2	7.7	2	7.8	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	3.4	1	3.9	-	-	4	7.6	4	7.7	-	-	1	3.8	1	3.9	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	6.8	1	3.9	1	-	4	7.6	4	7.7	-	-	2	7.7	2	7.8	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	8	27.3	8	31.0	-	-	36	68.1	36	68.9	-	-	10	38.3	10	39.2	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	2	6.8	2	7.7	-	-	19	36.0	19	36.4	-	-	6	23.0	6	23.5	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6	20.4	6	23.2	-	-	17	32.2	17	32.5	-	-	4	15.3	4	15.7	-	-
SUICIDE (E950-E959)	6	20.4	4	15.5	2	-	15	28.4	15	28.7	-	-	4	15.3	4	15.7	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	3.4	-	-	1	-	-	-	-	-	-	-	1	3.8	1	3.9	-	-
ALL OTHER CAUSES	40	136.3	36	139.4	4	-	55	104.1	55	105.3	-	-	21	80.4	21	82.4	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	CHESTER						CLAIBORNE						CLAY					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 15,857		WHITE 12,360		OTHER RACES 1,497		ALL RACES 26,833		WHITE 26,424		OTHER RACES 409		ALL RACES 7,924		WHITE 7,803		OTHER RACES 121	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	159	11.5	125	10.1	34	22.7	319	11.9	316	12.0	3	7.3	74	9.3	74	9.5	-	-
ILLEGITIMATE BIRTHS	33	20.8	12	9.6	21	61.8	52	16.3	52	16.5	-	-	17	23.0	17	23.0	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	10	6.3	6	4.8	4	11.8	25	7.8	25	7.9	-	-	7	9.5	7	9.5	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3	18.9	1	8.0	2	58.8	4	12.5	4	12.7	-	-	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	6.3	-	-	1	29.4	3	9.4	3	9.5	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	2	6.3	2	6.3	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	1	6.3	-	-	1	29.4	1	3.1	1	3.2	-	-	-	-	-	-	-	-
FETAL DEATHS	2	12.6	-	-	2	58.8	4	12.5	4	12.7	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	12	75.5	12	95.2	-	-	53	166.1	53	167.2	-	-	10	135.1	9	121.6	1	-
TOTAL DEATHS	124	8.9	103	8.3	21	14.0	280	10.4	274	10.4	6	14.7	90	11.4	86	11.0	4	33.1
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	7.2	-	-	1	-	1	3.7	1	3.8	-	-	1	12.6	1	12.8	-	-
MALIGNANT NEOPLASMS (140-208)	14	101.0	13	105.2	1	-	58	216.2	56	211.9	2	-	17	214.5	15	192.2	2	-
DIABETES MELLITUS (250)	6	43.3	3	24.3	3	-	2	7.5	2	7.6	-	-	1	12.6	1	12.8	-	-
DISEASES OF HEART (390-398,402,404-429)	49	353.6	43	347.9	6	-	102	380.1	99	374.7	3	-	34	429.1	33	422.9	1	-
CEREBROVASCULAR DISEASE (430-438)	19	137.1	17	137.5	2	-	22	82.0	22	83.3	-	-	9	113.6	9	115.3	-	-
ATHEROSCLEROSIS (440)	1	7.2	1	8.1	-	-	1	3.7	1	3.8	-	-	1	12.6	1	12.8	-	-
PNEUMONIA AND INFLUENZA (480-487)	3	21.6	3	24.3	-	-	18	67.1	18	68.1	-	-	8	101.0	7	89.7	1	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	3	21.6	3	24.3	-	-	11	41.0	11	41.6	-	-	3	37.9	3	38.4	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	7.2	-	-	1	-	4	14.9	4	15.1	-	-	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	21.6	1	8.1	2	-	3	11.2	3	11.4	-	-	1	12.6	1	12.8	-	-
CONGENITAL ANOMALIES (740-759)	1	7.2	-	-	1	-	2	7.5	2	7.6	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	7.2	-	-	1	-	3	11.2	3	11.4	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3	21.6	2	16.2	1	-	-	-	-	-	-	-	3	37.9	3	38.4	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	5	36.1	5	40.5	-	-	17	63.4	16	60.6	1	-	5	63.1	5	64.1	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	4	28.9	4	32.4	-	-	11	41.0	11	41.6	-	-	2	25.2	2	25.6	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	1	7.2	1	8.1	-	-	6	22.4	5	18.9	1	-	3	37.9	3	38.4	-	-
SUICIDE (E950-E959)	1	7.2	1	8.1	-	-	3	11.2	3	11.4	-	-	1	12.6	1	12.8	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	2	7.5	2	7.6	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	13	93.8	11	89.0	2	-	31	115.5	31	117.3	-	-	6	75.7	6	76.9	-	-

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TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	COCKE						COFFEE						CROCKETT					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 30,054		WHITE 29,335		OTHER RACES 719		ALL RACES 41,113		WHITE 39,301		OTHER RACES 1,812		ALL RACES 15,266		WHITE 12,166		OTHER RACES 3,100	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	365	12.1	354	12.1	11	15.3	562	13.7	522	13.3	40	22.1	152	10.0	117	9.6	35	11.3
ILLEGITIMATE BIRTHS	97	26.6	89	25.1	8	72.7	115	20.5	90	17.2	25	62.5	41	27.0	19	16.2	22	62.9
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	32	8.8	32	9.0	-	-	32	5.7	25	4.8	7	17.5	9	5.9	5	4.3	4	11.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	6	16.4	6	16.9	-	-	10	17.8	5	9.6	5	125.0	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	3	8.2	3	8.5	-	-	6	10.7	1	1.9	5	125.0	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	3	8.2	3	8.5	-	-	6	10.7	1	1.9	5	125.0	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	5	13.7	5	14.1	-	-	4	7.1	4	7.7	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	91	249.3	86	242.9	4	363.6	90	160.1	84	160.3	5	131.6	21	138.2	14	119.7	7	200.0
TOTAL DEATHS	317	10.5	308	10.5	9	12.5	382	9.3	365	9.3	17	9.4	182	11.9	148	12.2	34	11.0
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	3.3	1	3.4	-	-	-	-	-	-	-	-	2	13.1	-	-	2	-
MALIGNANT NEOPLASMS (140-208)	65	216.3	65	221.6	-	-	69	167.8	67	170.5	2	-	32	209.6	23	189.1	9	-
DIABETES MELLITUS (250)	8	26.6	7	23.9	1	-	10	24.3	9	22.9	1	-	2	13.1	2	16.4	-	-
DISEASES OF HEART (390-398,402,404-429)	112	372.7	109	371.6	3	-	143	347.8	139	353.7	4	-	63	412.7	53	435.6	10	-
CEREBROVASCULAR DISEASE (430-438)	28	93.2	26	88.6	2	-	33	80.3	31	78.9	2	-	13	85.2	13	106.9	-	-
ATHEROSCLEROSIS (440)	4	13.3	4	13.6	-	-	2	4.9	2	5.1	-	-	11	72.1	10	82.2	1	-
PNEUMONIA AND INFLUENZA (480-487)	8	26.6	7	23.9	1	-	15	36.5	15	38.2	-	-	9	59.0	7	57.5	2	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	12	39.9	12	40.9	-	-	13	31.6	13	33.1	-	-	12	78.6	11	90.4	1	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4	13.3	4	13.6	-	-	5	12.2	5	12.7	-	-	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	4	13.3	4	13.6	-	-	9	21.9	9	22.9	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	5	16.6	5	17.0	-	-	1	2.4	1	2.5	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	3.3	1	3.4	-	-	6	14.6	1	2.5	5	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	6.7	2	6.8	-	-	4	9.7	4	10.2	-	-	1	6.6	1	8.2	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	23	76.5	23	78.4	-	-	16	38.9	14	35.6	2	-	10	65.5	8	65.8	2	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	14	46.6	14	47.7	-	-	11	26.8	11	28.0	-	-	6	39.3	5	41.1	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	9	29.9	9	30.7	-	-	5	12.2	3	7.6	2	-	4	26.2	3	24.7	1	-
SUICIDE (E950-E959)	4	13.3	3	10.2	1	-	10	24.3	9	22.9	1	-	2	13.1	2	16.4	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	4	13.3	3	10.2	1	-	3	7.3	3	7.6	-	-	1	6.6	1	8.2	-	-
ALL OTHER CAUSES	32	106.5	32	109.1	-	-	43	104.6	43	109.4	-	-	24	157.2	17	139.7	7	-

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	CUMBERLAND						DAVIDSON						DECATUR					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 31,854		WHITE 31,854		OTHER RACES 0		ALL RACES 501,166		WHITE 374,271		OTHER RACES 126,895		ALL RACES 11,373		WHITE 10,848		OTHER RACES 525	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	378	11.9	378	11.9	-	-	8501	17.0	5839	15.6	2659	21.0	108	9.5	100	9.2	8	15.2
ILLEGITIMATE BIRTHS	70	18.5	70	18.5	-	-	2643	31.1	964	16.5	1677	63.1	17	15.7	10	10.0	7	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	21	5.6	21	5.6	-	-	782	9.2	417	7.1	364	13.7	7	6.5	7	7.0	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3	7.9	3	7.9	-	-	91	10.7	48	8.2	43	16.2	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	2.6	1	2.6	-	-	58	6.8	30	5.1	28	10.5	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	1	2.6	1	2.6	-	-	41	4.8	21	3.6	20	7.5	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	17	2.0	9	1.5	8	3.0	-	-	-	-	-	-
FETAL DEATHS	4	10.6	4	10.6	-	-	35	4.1	21	3.6	14	5.3	1	9.3	1	10.0	-	-
INDUCED ABORTIONS	76	201.1	76	201.1	-	-	2623	308.6	1688	285.1	919	356.6	15	138.9	13	130.0	1	-
TOTAL DEATHS	376	11.8	376	11.8	-	-	4680	9.3	3586	9.6	1093	8.6	136	12.0	132	12.2	4	7.6
CAUSE OF DEATH																		
SEPTICEMIA (038)	5	15.7	5	15.7	-	-	21	4.2	12	3.2	9	7.1	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	86	270.0	86	270.0	-	-	1003	200.1	794	212.1	209	164.7	30	263.8	30	276.5	-	-
DIABETES MELLITUS (250)	4	12.6	4	12.6	-	-	92	18.4	55	14.7	37	29.2	1	8.8	1	9.2	-	-
DISEASES OF HEART (390-398,402,404-429)	135	423.8	135	423.8	-	-	1670	333.2	1310	350.0	359	282.9	63	553.9	62	571.5	1	-
CEREBROVASCULAR DISEASE (430-438)	31	97.3	31	97.3	-	-	338	67.4	255	68.1	83	65.4	9	79.1	8	73.7	1	-
ATHEROSCLEROSIS (440)	7	22.0	7	22.0	-	-	16	3.2	11	2.9	5	3.9	1	8.8	1	9.2	-	-
PNEUMONIA AND INFLUENZA (480-487)	10	31.4	10	31.4	-	-	175	34.9	133	35.5	42	33.1	7	61.5	7	64.5	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	8	25.1	8	25.1	-	-	161	32.1	144	38.5	17	13.4	-	-	-	-	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	6	18.8	6	18.8	-	-	59	11.8	42	11.2	17	13.4	2	17.6	2	18.4	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	4	12.6	4	12.6	-	-	51	10.2	33	8.8	18	14.2	3	26.4	3	27.7	-	-
CONGENITAL ANOMALIES (740-759)	2	6.3	2	6.3	-	-	20	4.0	11	2.9	9	7.1	1	8.8	1	9.2	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	47	9.4	27	7.2	20	15.8	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	7	22.0	7	22.0	-	-	28	5.6	20	5.3	8	6.3	1	8.8	1	9.2	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	22	69.1	22	69.1	-	-	227	45.3	177	47.3	50	39.4	7	61.5	6	55.3	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	14	44.0	14	44.0	-	-	109	21.7	86	23.0	23	18.1	5	44.0	4	36.9	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	8	25.1	8	25.1	-	-	118	23.5	91	24.3	27	21.3	2	17.6	2	18.4	-	-
SUICIDE (E950-E959)	10	31.4	10	31.4	-	-	81	16.2	67	17.9	14	11.0	-	-	-	-	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	6.3	2	6.3	-	-	80	16.0	34	9.1	46	36.3	-	-	-	-	-	-
ALL OTHER CAUSES	37	116.2	37	116.2	-	-	611	121.9	461	123.2	150	118.2	11	96.7	10	92.2	1	-

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TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	DEKALB						DICKSON						DYER					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 14,559		WHITE 14,232		OTHER RACES 327		ALL RACES 33,754		WHITE 31,834		OTHER RACES 1,920		ALL RACES 36,778		WHITE 32,202		OTHER RACES 4,576	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	167	11.5	164	11.5	3	9.2	502	14.9	471	14.8	31	16.1	438	11.9	363	11.3	75	16.4
ILLEGITIMATE BIRTHS	29	17.4	28	17.1	1	-	87	17.3	70	14.9	17	54.8	119	27.2	63	17.4	56	74.7
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	10	6.0	10	6.1	-	-	33	6.6	32	6.8	1	3.2	23	5.3	16	4.4	7	9.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	6.0	-	-	1	-	4	8.0	4	8.5	-	-	4	9.1	2	5.5	2	26.7
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	6.0	-	-	1	-	2	4.0	2	4.2	-	-	3	6.8	2	5.5	1	13.3
UNDER 7 DAYS OF AGE	1	6.0	-	-	1	-	2	4.0	2	4.2	-	-	3	6.8	2	5.5	1	13.3
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	-	-	-	-	-	-	1	2.0	-	-	1	32.3	3	6.8	2	5.5	1	13.3
INDUCED ABORTIONS	17	101.8	17	102.4	-	-	99	197.2	91	192.4	8	275.9	94	214.6	73	199.5	21	291.7
TOTAL DEATHS	146	10.0	142	10.0	4	12.2	333	9.9	315	9.9	18	9.4	415	11.3	366	11.4	49	10.7
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	6.9	1	7.0	-	-	2	5.9	1	3.1	1	-	2	5.4	2	6.2	-	-
MALIGNANT NEOPLASMS (140-208)	36	247.3	36	253.0	-	-	67	198.5	63	197.9	4	-	96	261.0	78	242.2	18	-
DIABETES MELLITUS (250)	3	20.6	2	14.1	1	-	6	17.8	6	18.8	-	-	3	8.2	3	9.3	-	-
DISEASES OF HEART (390-398,402,404-429)	55	377.8	52	365.4	3	-	127	376.3	121	380.1	6	-	114	310.0	106	329.2	8	-
CEREBROVASCULAR DISEASE (430-438)	7	48.1	7	49.2	-	-	31	91.8	30	94.2	1	-	30	81.6	29	90.1	1	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	2	5.9	2	6.3	-	-	1	2.7	1	3.1	-	-
PNEUMONIA AND INFLUENZA (480-487)	4	27.5	4	28.1	-	-	8	23.7	8	25.1	-	-	10	27.2	8	24.8	2	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	8	54.9	8	56.2	-	-	11	32.6	11	34.6	-	-	22	59.8	22	68.3	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	6.9	1	7.0	-	-	2	5.9	2	6.3	-	-	3	8.2	3	9.3	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	20.6	3	21.1	-	-	7	20.7	5	15.7	2	-	7	19.0	6	18.6	1	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	1	3.0	1	3.1	-	-	1	2.7	1	3.1	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	3	8.9	3	9.4	-	-	3	8.2	2	6.2	1	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	13.7	2	14.1	-	-	3	8.9	3	9.4	-	-	34	92.4	25	77.6	9	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	3	20.6	3	21.1	-	-	18	53.3	16	50.3	2	-	14	38.1	14	43.5	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	2	13.7	2	14.1	-	-	11	32.6	9	28.3	2	-	7	19.0	7	21.7	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	1	6.9	1	7.0	-	-	7	20.7	7	22.0	-	-	7	19.0	7	21.7	-	-
SUICIDE (E950-E959)	3	20.6	3	21.1	-	-	6	17.8	6	18.8	-	-	2	5.4	2	6.2	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	4	11.9	4	12.6	-	-	1	2.7	-	-	1	-
ALL OTHER CAUSES	20	137.4	20	140.5	-	-	35	103.7	33	103.7	2	-	72	195.8	64	198.7	8	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	FAYETTE						FENTRESS						FRANKLIN					
	ALL RACES 27,760		WHITE 14,233		OTHER RACES 13,527		ALL RACES 15,789		WHITE 15,789		OTHER RACES 0		ALL RACES 34,055		WHITE 31,447		OTHER RACES 2,608	
ESTIMATED POPULATION, JULY 1, 1988	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	422	15.2	193	13.6	229	16.9	204	12.9	203	12.9	1	-	423	12.4	389	12.4	34	13.0
ILLEGITIMATE BIRTHS	181	42.9	30	15.5	151	65.9	37	18.1	37	18.2	-	-	62	14.7	42	10.8	20	58.8
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	35	8.3	7	3.6	28	12.2	12	5.9	12	5.9	-	-	25	5.9	17	4.4	8	23.5
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	4.7	-	-	2	8.7	3	14.7	3	14.8	-	-	1	2.4	1	2.6	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	4.7	-	-	2	8.7	1	4.9	1	4.9	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	1	2.4	-	-	1	4.4	-	-	-	-	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	1	2.4	-	-	1	4.4	1	4.9	1	4.9	-	-	-	-	-	-	-	-
FETAL DEATHS	4	9.5	-	-	4	17.5	3	14.7	3	14.8	-	-	2	4.7	2	5.1	-	-
INDUCED ABORTIONS	75	177.7	31	160.6	43	187.8	25	122.5	24	118.2	1	-	59	139.5	54	137.4	5	166.7
TOTAL DEATHS	220	7.9	117	8.2	103	7.6	165	10.5	164	10.4	1	-	319	9.4	301	9.6	18	6.9
CAUSE OF DEATH																		
SEPTICEMIA (038)	4	14.4	3	21.1	1	7.4	1	6.3	1	6.3	-	-	5	14.7	5	15.9	-	-
MALIGNANT NEOPLASMS (140-208)	35	126.1	24	168.6	11	81.3	30	190.0	30	190.0	-	-	75	220.2	70	222.6	5	-
DIABETES MELLITUS (250)	1	3.6	-	-	1	7.4	1	6.3	1	6.3	-	-	9	26.4	9	28.6	-	-
DISEASES OF HEART (390-398,402,404-429)	83	299.0	44	309.1	39	288.3	53	335.7	52	329.3	1	-	114	334.8	105	333.9	9	-
CEREBROVASCULAR DISEASE (430-438)	25	90.1	6	42.2	19	140.5	10	63.3	10	63.3	-	-	27	79.3	27	85.9	-	-
ATHEROSCLEROSIS (440)	1	3.6	-	-	1	7.4	6	38.0	6	38.0	-	-	1	2.9	1	3.2	-	-
PNEUMONIA AND INFLUENZA (480-487)	10	36.0	5	35.1	5	37.0	13	82.3	13	82.3	-	-	8	23.5	8	25.4	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	9	32.4	7	49.2	2	14.8	8	50.7	8	50.7	-	-	9	26.4	9	28.6	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2	7.2	-	-	2	14.8	1	6.3	1	6.3	-	-	2	5.9	2	6.4	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	7.2	1	7.0	1	7.4	1	6.3	1	6.3	-	-	4	11.7	3	9.5	1	-
CONGENITAL ANOMALIES (740-759)	1	3.6	-	-	1	7.4	1	6.3	1	6.3	-	-	1	2.9	1	3.2	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	2	12.7	2	12.7	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	7	25.2	1	7.0	6	44.4	6	38.0	6	38.0	-	-	5	14.7	5	15.9	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	18	64.8	10	70.3	8	59.1	12	76.0	12	76.0	-	-	12	35.2	11	35.0	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	11	39.6	4	28.1	7	51.7	4	25.3	4	25.3	-	-	4	11.7	3	9.5	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7	25.2	6	42.2	1	7.4	8	50.7	8	50.7	-	-	8	23.5	8	25.4	-	-
SUICIDE (E950-E959)	3	10.8	3	21.1	-	-	2	12.7	2	12.7	-	-	4	11.7	4	12.7	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	1	6.3	1	6.3	-	-	2	5.9	2	6.4	-	-
ALL OTHER CAUSES	19	68.4	13	91.3	6	44.4	17	107.7	17	107.7	-	-	41	120.4	39	124.0	2	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	GIBSON						GILES						GRAINGER					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 50,296		WHITE 39,904		OTHER RACES 10,392		ALL RACES 26,165		WHITE 22,465		OTHER RACES 3,700		ALL RACES 17,876		WHITE 17,737		OTHER RACES 139	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	601	11.9	415	10.4	186	17.9	356	13.6	295	13.1	61	16.5	208	11.6	206	11.6	2	14.4
ILLEGITIMATE BIRTHS	180	30.0	55	13.3	125	67.2	72	20.2	37	12.5	35	57.4	40	19.2	39	18.9	1	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	48	8.0	25	6.0	23	12.4	17	4.8	11	3.7	6	9.8	17	8.2	16	7.8	1	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	5	8.3	2	4.8	3	16.1	2	5.6	2	6.8	-	-	2	9.6	2	9.7	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	1.7	1	2.4	-	-	1	2.8	1	3.4	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	1	1.7	1	2.4	-	-	1	2.8	1	3.4	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	9	15.0	2	4.8	7	37.6	-	-	-	-	-	-	1	4.8	1	4.9	-	-
INDUCED ABORTIONS	87	144.8	65	156.2	22	118.9	50	140.4	36	121.2	14	237.3	26	125.0	26	126.2	-	-
TOTAL DEATHS	619	12.3	517	13.0	102	9.8	313	12.0	272	12.1	41	11.1	175	9.8	175	9.9	-	-
CAUSE OF DEATH																		
SEPTICEMIA (038)	3	6.0	3	7.5	-	-	1	3.8	1	4.5	-	-	1	5.6	1	5.6	-	-
MALIGNANT NEOPLASMS (140-208)	120	238.6	97	243.1	23	221.3	80	305.8	69	307.1	11	-	41	229.4	41	231.2	-	-
DIABETES MELLITUS (250)	7	13.9	6	15.0	1	9.6	5	19.1	5	22.3	-	-	3	16.8	3	16.9	-	-
DISEASES OF HEART (390-398,402,404-429)	226	449.3	191	478.6	35	336.8	102	389.8	83	369.5	19	-	50	279.7	50	281.9	-	-
CEREBROVASCULAR DISEASE (430-438)	65	129.2	56	140.3	9	86.6	27	103.2	26	115.7	1	-	14	78.3	14	78.9	-	-
ATHEROSCLEROSIS (440)	13	25.8	13	32.6	-	-	-	-	-	-	-	-	1	5.6	1	5.6	-	-
PNEUMONIA AND INFLUENZA (480-487)	25	49.7	22	55.1	3	28.9	8	30.6	7	31.2	1	-	8	44.8	8	45.1	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	23	45.7	20	50.1	3	28.9	15	57.3	14	62.3	1	-	10	55.9	10	56.4	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	2.0	1	2.5	-	-	1	3.8	1	4.5	-	-	3	16.8	3	16.9	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	7	13.9	4	10.0	3	28.9	5	19.1	3	13.4	2	-	1	5.6	1	5.6	-	-
CONGENITAL ANOMALIES (740-759)	2	4.0	1	2.5	1	9.6	2	7.6	2	8.9	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2	4.0	1	2.5	1	9.6	1	3.8	1	4.5	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	5	9.9	4	10.0	1	9.6	3	11.5	3	13.4	-	-	17	95.1	17	95.8	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	26	51.7	18	45.1	8	77.0	21	80.3	19	84.6	2	-	10	55.9	10	56.4	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	10	19.9	6	15.0	4	38.5	13	49.7	13	57.9	-	-	7	39.2	7	39.5	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	16	31.8	12	30.1	4	38.5	8	30.6	6	26.7	2	-	3	16.8	3	16.9	-	-
SUICIDE (E950-E959)	8	15.9	7	17.5	1	9.6	4	15.3	3	13.4	1	-	3	16.8	3	16.9	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	4.0	2	5.0	-	-	4	15.3	3	13.4	1	-	-	-	-	-	-	-
ALL OTHER CAUSES	84	167.0	71	177.9	13	125.1	34	129.9	32	142.4	2	-	13	72.7	13	73.3	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	GREENE						GRUNDY						HAMBLEN					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 57,232		WHITE 55,320		OTHER RACES 1,912		ALL RACES 15,314		WHITE 15,314		OTHER RACES 0		ALL RACES 53,761		WHITE 50,943		OTHER RACES 2,818	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	625	10.9	598	10.8	26	13.6	165	10.8	165	10.8	-	-	644	12.0	599	11.8	45	16.0
ILLEGITIMATE BIRTHS	128	20.5	108	18.1	20	76.9	28	17.0	28	17.0	-	-	146	22.7	120	20.0	26	57.8
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	51	8.2	45	7.5	6	23.1	11	6.7	11	6.7	-	-	46	7.1	39	6.5	7	15.6
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4	6.4	4	6.7	-	-	1	6.1	1	6.1	-	-	5	7.8	4	6.7	1	22.2
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	3	4.8	3	5.0	-	-	1	6.1	1	6.1	-	-	3	4.7	3	5.0	-	-
UNDER 7 DAYS OF AGE	1	1.6	1	1.7	-	-	-	-	-	-	-	-	3	4.7	3	5.0	-	-
7-27 DAYS OF AGE	2	3.2	2	3.3	-	-	1	6.1	1	6.1	-	-	-	-	-	-	-	-
FETAL DEATHS	7	11.2	7	11.7	-	-	1	6.1	1	6.1	-	-	3	4.7	3	5.0	-	-
INDUCED ABORTIONS	107	171.2	103	171.1	4	181.8	16	97.0	16	97.0	-	-	188	291.9	172	282.9	16	444.4
TOTAL DEATHS	561	9.8	547	9.9	14	7.3	120	7.8	119	7.8	-	-	418	7.8	397	7.8	21	7.5
CAUSE OF DEATH																		
SEPTICEMIA (038)	3	5.2	3	5.4	-	-	2	13.1	2	13.1	-	-	4	7.4	4	7.9	-	-
MALIGNANT NEOPLASMS (140-208)	112	195.7	112	202.5	-	-	14	91.4	14	91.4	-	-	94	174.8	89	174.7	5	-
DIABETES MELLITUS (250)	13	22.7	11	19.9	2	-	1	6.5	1	6.5	-	-	5	9.3	5	9.8	-	-
DISEASES OF HEART (390-398,402,404-429)	211	368.7	207	374.2	4	-	40	261.2	40	261.2	-	-	135	251.1	129	253.2	6	-
CEREBROVASCULAR DISEASE (430-438)	40	69.9	39	70.5	1	-	12	78.4	12	78.4	-	-	52	96.7	50	98.1	2	-
ATHEROSCLEROSIS (440)	8	14.0	8	14.5	-	-	-	-	-	-	-	-	2	3.7	2	3.9	-	-
PNEUMONIA AND INFLUENZA (480-487)	34	59.4	33	59.7	1	-	6	39.2	6	39.2	-	-	9	16.7	9	17.7	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	22	38.4	21	38.0	1	-	7	45.7	7	45.7	-	-	23	42.8	23	45.1	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3	5.2	3	5.4	-	-	3	19.6	3	19.6	-	-	5	9.3	5	9.8	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	6	10.5	6	10.8	-	-	-	-	-	-	-	-	4	7.4	3	5.9	1	-
CONGENITAL ANOMALIES (740-759)	2	3.5	2	3.6	-	-	-	-	-	-	-	-	3	5.6	3	5.9	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	1.7	1	1.8	-	-	-	-	-	-	-	-	1	1.9	1	2.0	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	4	7.0	4	7.2	-	-	8	52.2	7	45.7	-	-	6	11.2	5	9.8	1	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	35	61.2	34	61.5	1	-	13	84.9	13	84.9	-	-	21	39.1	20	39.3	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	18	31.5	18	32.5	-	-	11	71.8	11	71.8	-	-	14	26.0	13	25.5	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	17	29.7	16	28.9	1	-	2	13.1	2	13.1	-	-	7	13.0	7	13.7	-	-
SUICIDE (E950-E959)	10	17.5	9	16.3	1	-	2	13.1	2	13.1	-	-	7	13.0	7	13.7	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	4	7.0	4	7.2	-	-	1	6.5	1	6.5	-	-	4	7.4	3	5.9	1	-
ALL OTHER CAUSES	53	92.6	50	90.4	3	-	11	71.8	11	71.8	-	-	43	80.0	39	76.6	4	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	HAMILTON						HANCOCK						HARDEMAN					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 307,490		WHITE 240,871		OTHER RACES 66,619		ALL RACES 7,041		WHITE 7,017		OTHER RACES 24		ALL RACES 25,465		WHITE 15,519		OTHER RACES 9,946	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	4315	14.0	3074	12.8	1241	18.6	86	12.2	85	12.1	1	41.7	367	14.4	179	11.5	188	18.9
ILLEGITIMATE BIRTHS	1314	30.5	462	15.0	852	68.7	17	19.8	16	18.8	1	-	155	42.2	25	14.0	130	69.1
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	316	7.3	175	5.7	141	11.4	8	9.3	8	9.4	-	-	32	8.7	13	7.3	19	10.1
INFANT DEATHS (UNDER ONE YEAR OF AGE)	39	9.0	20	6.5	19	15.3	2	23.3	2	23.5	-	-	4	10.9	1	5.6	3	16.0
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	25	5.8	13	4.2	12	9.7	1	11.6	1	11.8	-	-	2	5.4	-	-	2	10.6
UNDER 7 DAYS OF AGE	22	5.1	12	3.9	10	8.1	-	-	-	-	-	-	1	2.7	-	-	1	5.3
7-27 DAYS OF AGE	3	0.7	1	0.3	2	1.6	1	11.6	1	11.8	-	-	1	2.7	-	-	1	5.3
FETAL DEATHS	29	6.7	18	5.9	11	8.9	-	-	-	-	-	-	3	8.2	3	16.8	-	-
INDUCED ABORTIONS	1344	311.5	922	296.6	406	336.7	10	116.3	10	117.6	-	-	54	147.1	28	156.4	26	138.3
TOTAL DEATHS	2759	9.0	2173	9.0	586	8.8	78	11.1	78	11.1	-	-	251	9.9	174	11.2	77	7.7
CAUSE OF DEATH																		
SEPTICEMIA (038)	17	5.5	14	5.8	3	4.5	-	-	-	-	-	-	1	3.9	1	6.4	-	-
MALIGNANT NEOPLASMS (140-208)	627	203.9	495	205.5	132	198.1	16	227.2	16	228.0	-	-	45	176.7	30	193.3	15	150.8
DIABETES MELLITUS (250)	40	13.0	30	12.5	10	15.0	1	14.2	1	14.3	-	-	2	7.9	-	-	2	20.1
DISEASES OF HEART (390-398,402,404-429)	1075	349.6	854	354.5	221	331.7	33	468.7	33	470.3	-	-	90	353.4	69	444.6	21	211.1
CEREBROVASCULAR DISEASE (430-438)	210	68.3	160	66.4	50	75.1	7	99.4	7	99.8	-	-	18	70.7	14	90.2	4	40.2
ATHEROSCLEROSIS (440)	19	6.2	16	6.6	3	4.5	-	-	-	-	-	-	3	11.8	2	12.9	1	10.1
PNEUMONIA AND INFLUENZA (480-487)	93	30.2	75	31.1	18	27.0	-	-	-	-	-	-	20	78.5	16	103.1	4	40.2
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	116	37.7	105	43.6	11	16.5	3	42.6	3	42.8	-	-	11	43.2	9	58.0	2	20.1
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	22	7.2	18	7.5	4	6.0	1	14.2	1	14.3	-	-	1	3.9	1	6.4	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	26	8.5	16	6.6	10	15.0	-	-	-	-	-	-	4	15.7	3	19.3	1	10.1
CONGENITAL ANOMALIES (740-759)	14	4.6	8	3.3	6	9.0	-	-	-	-	-	-	2	7.9	-	-	2	20.1
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	17	5.5	9	3.7	8	12.0	1	14.2	1	14.3	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	12	3.9	7	2.9	5	7.5	1	14.2	1	14.3	-	-	7	27.5	3	19.3	4	40.2
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	117	38.1	98	40.7	19	28.5	5	71.0	5	71.3	-	-	17	66.6	7	45.1	10	100.5
MOTOR VEHICLE ACCIDENTS (E810-E825)	45	14.6	43	17.9	2	3.0	2	28.4	2	28.5	-	-	10	39.3	4	25.8	6	60.3
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	72	23.4	55	22.8	17	25.5	3	42.6	3	42.8	-	-	7	27.5	3	19.3	4	40.2
SUICIDE (E950-E959)	29	9.4	24	10.0	5	7.5	2	28.4	2	28.5	-	-	6	23.6	4	25.8	2	20.1
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	32	10.4	13	5.4	19	28.5	2	28.4	2	28.5	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	293	95.3	231	95.9	62	93.1	6	85.2	6	85.5	-	-	24	94.2	15	96.7	9	90.5

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	HARDIN						HAWKINS						HAYWOOD					
	ALL RACES 23,928		WHITE 22,865		OTHER RACES 1,063		ALL RACES 47,898		WHITE 46,922		OTHER RACES 976		ALL RACES 21,788		WHITE 10,333		OTHER RACES 11,455	
ESTIMATED POPULATION, JULY 1, 1988	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	308	12.9	276	12.1	32	30.1	510	10.6	504	10.7	6	6.1	301	13.8	89	8.6	212	18.5
ILLEGITIMATE BIRTHS	61	19.8	42	15.2	19	59.4	76	14.9	73	14.5	3	-	151	50.2	13	14.6	138	65.1
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	27	8.8	25	9.1	2	6.2	33	6.5	33	6.5	-	-	33	11.0	7	7.9	26	12.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	3.2	1	3.6	-	-	3	5.9	3	6.0	-	-	6	19.9	2	22.5	4	18.9
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	3.2	1	3.6	-	-	2	3.9	2	4.0	-	-	4	13.3	2	22.5	2	9.4
UNDER 7 DAYS OF AGE	1	3.2	1	3.6	-	-	2	3.9	2	4.0	-	-	2	6.6	1	11.2	1	4.7
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	2	6.6	1	11.2	1	4.7
FETAL DEATHS	-	-	-	-	-	-	3	5.9	3	6.0	-	-	3	10.0	-	-	3	14.2
INDUCED ABORTIONS	31	100.6	28	100.0	3	107.1	80	156.9	79	156.1	1	-	49	162.8	14	157.3	35	165.1
TOTAL DEATHS	284	11.9	272	11.9	12	11.3	449	9.4	438	9.3	11	11.3	266	12.2	128	12.4	138	12.0
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	4.2	1	4.4	-	-	3	6.3	3	6.4	-	-	4	18.4	3	29.0	1	8.7
MALIGNANT NEOPLASMS (140-208)	52	217.3	49	214.3	3	-	90	187.9	88	187.5	2	-	49	224.9	24	232.3	25	218.2
DIABETES MELLITUS (250)	2	8.4	2	8.7	-	-	10	20.9	10	21.3	-	-	5	22.9	1	9.7	4	34.9
DISEASES OF HEART (390-398,402,404-429)	103	430.5	97	424.2	6	-	182	380.0	176	375.1	6	-	94	431.4	49	474.2	45	392.8
CEREBROVASCULAR DISEASE (430-438)	36	150.5	35	153.1	1	-	14	29.2	14	29.8	-	-	23	105.6	6	58.1	17	148.4
ATHEROSCLEROSIS (440)	3	12.5	3	13.1	-	-	3	6.3	3	6.4	-	-	2	9.2	1	9.7	1	8.7
PNEUMONIA AND INFLUENZA (480-487)	6	25.1	6	26.2	-	-	16	33.4	16	34.1	-	-	10	45.9	5	48.4	5	43.6
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	6	25.1	6	26.2	-	-	14	29.2	14	29.8	-	-	10	45.9	8	77.4	2	17.5
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	5	20.9	5	21.9	-	-	3	6.3	3	6.4	-	-	3	13.8	3	29.0	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	4.2	1	4.4	-	-	-	-	-	-	-	-	6	27.5	4	38.7	2	17.5
CONGENITAL ANOMALIES (740-759)	1	4.2	1	4.4	-	-	2	4.2	2	4.3	-	-	2	9.2	1	9.7	1	8.7
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	1	2.1	1	2.1	-	-	3	13.8	1	9.7	2	17.5
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1	4.2	1	4.4	-	-	3	6.3	3	6.4	-	-	-	-	-	-	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	23	96.1	23	100.6	-	-	32	66.8	32	68.2	-	-	25	114.7	6	58.1	19	165.9
MOTOR VEHICLE ACCIDENTS (E810-E825)	10	41.8	10	43.7	-	-	19	39.7	19	40.5	-	-	11	50.5	4	38.7	7	61.1
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	13	54.3	13	56.9	-	-	13	27.1	13	27.7	-	-	14	64.3	2	19.4	12	104.8
SUICIDE (E950-E959)	4	16.7	4	17.5	-	-	8	16.7	8	17.0	-	-	3	13.8	3	29.0	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	8.4	1	4.4	1	-	2	4.2	2	4.3	-	-	3	13.8	-	-	3	26.2
ALL OTHER CAUSES	38	158.8	37	161.8	1	-	66	137.8	63	134.3	3	-	24	110.2	13	125.8	11	96.0

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	HENDERSON						HENRY						HICKMAN					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 23,210		WHITE 21,146		OTHER RACES 2,064		ALL RACES 30,467		WHITE 27,044		OTHER RACES 3,423		ALL RACES 16,306		WHITE 15,378		OTHER RACES 928	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	284	12.2	247	11.7	37	17.9	324	10.6	280	10.4	44	12.9	208	12.8	202	13.1	6	6.5
ILLEGITIMATE BIRTHS	53	18.7	31	12.6	22	59.5	64	19.8	36	12.9	28	63.6	44	21.2	40	19.8	4	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	18	6.3	17	6.9	1	2.7	23	7.1	18	6.4	5	11.4	18	8.7	16	7.9	2	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	7.0	2	8.1	-	-	2	6.2	2	7.1	-	-	2	9.6	2	9.9	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	3.5	1	4.0	-	-	1	3.1	1	3.6	-	-	1	4.8	1	5.0	-	-
UNDER 7 DAYS OF AGE	1	3.5	1	4.0	-	-	1	3.1	1	3.6	-	-	1	4.8	1	5.0	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	1	3.5	-	-	1	27.0	-	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	42	147.9	35	141.1	6	171.4	63	194.4	49	173.8	14	333.3	33	158.7	31	153.5	2	-
TOTAL DEATHS	210	9.0	191	9.0	19	9.2	351	11.5	301	11.1	50	14.6	184	11.3	175	11.4	9	9.7
CAUSE OF DEATH																		
SEPTICEMIA (038)	3	12.9	3	14.2	-	-	3	9.8	2	7.4	1	-	1	6.1	1	6.5	-	-
MALIGNANT NEOPLASMS (140-208)	41	176.6	35	165.5	6	-	84	275.7	76	281.0	8	-	42	257.6	42	273.1	-	-
DIABETES MELLITUS (250)	2	8.6	2	9.5	-	-	3	9.8	2	7.4	1	-	2	12.3	2	13.0	-	-
DISEASES OF HEART (390-398,402,404-429)	75	323.1	71	335.8	4	-	142	466.1	125	462.2	17	-	75	460.0	68	442.2	7	-
CEREBROVASCULAR DISEASE (430-438)	42	181.0	39	184.4	3	-	22	72.2	19	70.3	3	-	16	98.1	15	97.5	1	-
ATHEROSCLEROSIS (440)	2	8.6	2	9.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	1	4.3	1	4.7	-	-	15	49.2	14	51.8	1	-	4	24.5	4	26.0	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	3	12.9	2	9.5	1	-	16	52.5	12	44.4	4	-	8	49.1	8	52.0	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2	8.6	1	4.7	1	-	1	3.3	-	-	1	-	2	12.3	2	13.0	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	8.6	1	4.7	1	-	7	23.0	5	18.5	2	-	1	6.1	1	6.5	-	-
CONGENITAL ANOMALIES (740-759)	1	4.3	1	4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	1	3.3	1	3.7	-	-	1	6.1	1	6.5	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	1	3.3	1	3.7	-	-	2	12.3	2	13.0	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	13	56.0	11	52.0	2	-	15	49.2	12	44.4	3	-	9	55.2	8	52.0	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	5	21.5	4	18.9	1	-	11	36.1	9	33.3	2	-	5	30.7	4	26.0	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	8	34.5	7	33.1	1	-	4	13.1	3	11.1	1	-	4	24.5	4	26.0	-	-
SUICIDE (E950-E959)	-	-	-	-	-	-	8	26.3	8	29.6	-	-	2	12.3	2	13.0	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	5	21.5	4	18.9	1	-	1	3.3	-	-	1	-	1	6.1	1	6.5	-	-
ALL OTHER CAUSES	18	77.6	18	85.1	-	-	32	105.0	24	88.7	8	-	18	110.4	18	117.1	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	HOUSTON						HUMPHREYS						JACKSON					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 7,263		WHITE 6,928		OTHER RACES 335		ALL RACES 17,041		WHITE 16,281		OTHER RACES 760		ALL RACES 9,750		WHITE 9,750		OTHER RACES 0	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	87	12.0	84	12.1	3	9.0	207	12.1	194	11.9	13	17.1	101	10.4	99	10.2	2	-
ILLEGITIMATE BIRTHS	20	23.0	17	20.2	3	-	45	21.7	36	18.6	9	69.2	17	16.8	17	17.2	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	2	2.3	1	1.2	1	-	13	6.3	11	5.7	2	15.4	8	7.9	7	7.1	1	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3	34.5	2	23.8	1	-	1	4.8	1	5.2	-	-	2	19.8	2	20.2	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	23.0	1	11.9	1	-	-	-	-	-	-	-	2	19.8	2	20.2	-	-
UNDER 7 DAYS OF AGE	2	23.0	1	11.9	1	-	-	-	-	-	-	-	2	19.8	2	20.2	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	-	-	-	-	-	-	1	4.8	1	5.2	-	-	1	9.9	1	10.1	-	-
INDUCED ABORTIONS	11	126.4	8	95.2	3	-	30	144.9	27	138.5	3	250.0	12	118.8	11	111.1	1	-
TOTAL DEATHS	93	12.8	89	12.8	4	11.9	145	8.5	140	8.6	4	5.3	109	11.2	109	11.2	-	-
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	2	20.5	2	20.5	-	-
MALIGNANT NEOPLASMS (140-208)	22	302.9	21	303.1	1	-	30	176.0	30	184.3	-	-	21	215.4	21	215.4	-	-
DIABETES MELLITUS (250)	2	27.5	2	28.9	-	-	6	35.2	5	30.7	1	-	1	10.3	1	10.3	-	-
DISEASES OF HEART (390-398,402,404-429)	44	605.8	42	606.2	2	-	46	269.9	44	270.3	1	-	45	461.5	45	461.5	-	-
CEREBROVASCULAR DISEASE (430-438)	4	55.1	4	57.7	-	-	14	82.2	14	86.0	-	-	10	102.6	10	102.6	-	-
ATHEROSCLEROSIS (440)	2	27.5	2	28.9	-	-	-	-	-	-	-	-	2	20.5	2	20.5	-	-
PNEUMONIA AND INFLUENZA (480-487)	1	13.8	1	14.4	-	-	1	5.9	1	6.1	-	-	3	30.8	3	30.8	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	2	27.5	2	28.9	-	-	9	52.8	9	55.3	-	-	1	10.3	1	10.3	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	3	17.6	3	18.4	-	-	1	10.3	1	10.3	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	-	-	-	-	-	-	1	5.9	1	6.1	-	-	1	10.3	1	10.3	-	-
CONGENITAL ANOMALIES (740-759)	1	13.8	1	14.4	-	-	1	5.9	1	6.1	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	13.8	-	-	1	-	-	-	-	-	-	-	2	20.5	2	20.5	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	27.5	2	28.9	-	-	2	11.7	2	12.3	-	-	2	20.5	2	20.5	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	4	55.1	4	57.7	-	-	6	35.2	6	36.9	-	-	9	92.3	9	92.3	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	1	13.8	1	14.4	-	-	4	23.5	4	24.6	-	-	5	51.3	5	51.3	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3	41.3	3	43.3	-	-	2	11.7	2	12.3	-	-	4	41.0	4	41.0	-	-
SUICIDE (E950-E959)	1	13.8	1	14.4	-	-	-	-	-	-	-	-	3	30.8	3	30.8	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	27.5	2	28.9	-	-	-	-	-	-	-	-	1	10.3	1	10.3	-	-
ALL OTHER CAUSES	5	68.8	5	72.2	-	-	26	152.6	24	147.4	2	-	5	51.3	5	51.3	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	JEFFERSON						JOHNSON						KNOX					
	ALL RACES 33,516		WHITE 32,424		OTHER RACES 1,092		ALL RACES 14,593		WHITE 14,475		OTHER RACES 118		ALL RACES 337,347		WHITE 301,750		OTHER RACES 35,597	
ESTIMATED POPULATION, JULY 1, 1988	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	360	10.7	340	10.5	20	18.3	152	10.4	152	10.5	-	-	4381	13.0	3770	12.5	611	17.2
ILLEGITIMATE BIRTHS	61	16.9	51	15.0	10	50.0	20	13.2	20	13.2	-	-	977	22.3	597	15.8	380	62.2
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	14	3.9	14	4.1	-	-	13	8.6	13	8.6	-	-	321	7.3	256	6.8	65	10.6
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	5.6	2	5.9	-	-	-	-	-	-	-	-	52	11.9	41	10.9	11	18.0
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	2.8	1	2.9	-	-	-	-	-	-	-	-	31	7.1	23	6.1	8	13.1
UNDER 7 DAYS OF AGE	1	2.8	1	2.9	-	-	-	-	-	-	-	-	27	6.2	22	5.8	5	8.2
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	4	0.9	1	0.3	3	4.9
FETAL DEATHS	2	5.6	2	5.9	-	-	1	6.6	1	6.6	-	-	24	5.5	20	5.3	4	6.5
INDUCED ABORTIONS	107	297.2	100	292.4	7	388.9	12	78.9	12	78.9	-	-	1774	404.9	1507	394.9	266	470.8
TOTAL DEATHS	342	10.2	330	10.2	12	11.0	155	10.6	155	10.7	-	-	3278	9.7	2898	9.6	379	10.6
CAUSE OF DEATH																		
SEPTICEMIA (038)	2	6.0	2	6.2	-	-	1	6.9	1	6.9	-	-	17	5.0	14	4.6	3	8.4
MALIGNANT NEOPLASMS (140-208)	68	202.9	64	197.4	4	-	28	191.9	28	193.4	-	-	687	203.6	615	203.8	72	202.3
DIABETES MELLITUS (250)	13	38.8	13	40.1	-	-	4	27.4	4	27.6	-	-	49	14.5	39	12.9	10	28.1
DISEASES OF HEART (390-398,402,404-429)	127	378.9	125	385.5	2	-	61	418.0	61	421.4	-	-	943	279.5	858	284.3	85	238.8
CEREBROVASCULAR DISEASE (430-438)	28	83.5	28	86.4	-	-	13	89.1	13	89.8	-	-	246	72.9	212	70.3	34	95.5
ATHEROSCLEROSIS (440)	1	3.0	1	3.1	-	-	-	-	-	-	-	-	62	18.4	52	17.2	10	28.1
PNEUMONIA AND INFLUENZA (480-487)	8	23.9	7	21.6	1	-	2	13.7	2	13.8	-	-	112	33.2	105	34.8	7	19.7
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	10	29.8	9	27.8	1	-	3	20.6	3	20.7	-	-	123	36.5	118	39.1	5	14.0
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	7	20.9	7	21.6	-	-	1	6.9	1	6.9	-	-	28	8.3	28	9.3	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	3.0	1	3.1	-	-	-	-	-	-	-	-	20	5.9	15	5.0	5	14.0
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	1	6.9	1	6.9	-	-	18	5.3	13	4.3	5	14.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	3.0	1	3.1	-	-	-	-	-	-	-	-	26	7.7	21	7.0	5	14.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	10	29.8	10	30.8	-	-	1	6.9	1	6.9	-	-	263	78.0	219	72.6	44	123.6
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	20	59.7	20	61.7	-	-	11	75.4	11	76.0	-	-	167	49.5	148	49.0	18	50.6
MOTOR VEHICLE ACCIDENTS (E810-E825)	13	38.8	13	40.1	-	-	6	41.1	6	41.5	-	-	74	21.9	71	23.5	3	8.4
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7	20.9	7	21.6	-	-	5	34.3	5	34.5	-	-	93	27.6	77	25.5	15	42.1
SUICIDE (E950-E959)	1	3.0	1	3.1	-	-	3	20.6	3	20.7	-	-	42	12.5	38	12.6	4	11.2
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	-	-	-	-	-	-	27	8.0	14	4.6	13	36.5
ALL OTHER CAUSES	45	134.3	41	126.4	4	-	26	178.2	26	179.6	-	-	448	132.8	389	128.9	59	165.7

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	LAKE						LAUDERDALE						LAWRENCE					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 7,461		WHITE 5,939		OTHER RACES 1,522		ALL RACES 27,364		WHITE 18,309		OTHER RACES 9,055		ALL RACES 36,372		WHITE 35,730		OTHER RACES 642	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	100	13.4	70	11.8	30	19.7	356	13.0	202	11.0	154	17.0	550	15.1	531	14.9	19	29.6
ILLEGITIMATE BIRTHS	38	38.0	14	20.0	24	80.0	138	38.8	29	14.4	109	70.8	51	9.3	41	7.7	10	52.6
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	12	12.0	7	10.0	5	16.7	30	8.4	13	6.4	17	11.0	26	4.7	25	4.7	1	5.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	5	50.0	3	42.9	2	66.7	4	11.2	1	5.0	3	19.5	3	5.5	3	5.6	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	5	50.0	3	42.9	2	66.7	2	5.6	-	-	2	13.0	2	3.6	2	3.8	-	-
UNDER 7 DAYS OF AGE	3	30.0	2	28.6	1	33.3	2	5.6	-	-	2	13.0	2	3.6	2	3.8	-	-
7-27 DAYS OF AGE	2	20.0	1	14.3	1	33.3	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	1	10.0	1	14.3	-	-	3	8.4	2	9.9	1	6.5	1	1.8	1	1.9	-	-
INDUCED ABORTIONS	12	120.0	10	142.9	2	66.7	70	196.6	31	152.0	39	256.6	32	58.2	32	60.0	-	-
TOTAL DEATHS	86	11.5	71	12.0	15	9.9	273	10.0	187	10.2	86	9.5	328	9.0	322	9.0	6	9.3
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	2	7.3	2	10.9	-	-	2	5.5	2	5.6	-	-
MALIGNANT NEOPLASMS (140-208)	11	147.4	10	168.4	1	-	50	182.7	31	169.3	19	209.8	66	181.5	64	179.1	2	-
DIABETES MELLITUS (250)	-	-	-	-	-	-	3	11.0	1	5.5	2	22.1	3	8.2	3	8.4	-	-
DISEASES OF HEART (390-398,402,404-429)	33	442.3	29	488.3	4	-	97	354.5	70	382.3	27	298.2	131	360.2	129	361.0	2	-
CEREBROVASCULAR DISEASE (430-438)	10	134.0	7	117.9	3	-	19	69.4	12	65.5	7	77.3	32	88.0	32	89.6	-	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	1	3.7	1	5.5	-	-	2	5.5	2	5.6	-	-
PNEUMONIA AND INFLUENZA (480-487)	1	13.4	1	16.8	-	-	15	54.8	11	60.1	4	44.2	10	27.5	10	28.0	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	3	40.2	3	50.5	-	-	11	40.2	9	49.2	2	22.1	11	30.2	11	30.8	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	13.4	1	16.8	-	-	1	3.7	1	5.5	-	-	3	8.2	3	8.4	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	13.4	1	16.8	-	-	2	7.3	1	5.5	1	11.0	1	2.7	1	2.8	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	1	3.7	-	-	1	11.0	2	5.5	2	5.6	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	5	67.0	3	50.5	2	-	2	7.3	-	-	2	22.1	1	2.7	1	2.8	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	26.8	2	33.7	-	-	6	21.9	3	16.4	3	33.1	4	11.0	4	11.2	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6	80.4	5	84.2	1	-	22	80.4	17	92.9	5	55.2	20	55.0	19	53.2	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	4	53.6	3	50.5	1	-	15	54.8	10	54.6	5	55.2	15	41.2	14	39.2	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2	26.8	2	33.7	-	-	7	25.6	7	38.2	-	-	5	13.7	5	14.0	-	-
SUICIDE (E950-E959)	1	13.4	1	16.8	-	-	5	18.3	5	27.3	-	-	1	2.7	1	2.8	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	13.4	-	-	1	-	8	29.2	3	16.4	5	55.2	1	2.7	1	2.8	-	-
ALL OTHER CAUSES	11	147.4	8	134.7	3	-	28	102.3	20	109.2	8	88.3	38	104.5	37	103.6	1	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	LEWIS						LINCOLN						LOUDON					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 11,493		WHITE 11,271		OTHER RACES 222		ALL RACES 27,412		WHITE 24,508		OTHER RACES 2,904		ALL RACES 30,070		WHITE 29,561		OTHER RACES 509	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	101	8.8	98	8.7	3	13.5	369	13.5	324	13.2	45	15.5	402	13.4	395	13.4	7	13.8
ILLEGITIMATE BIRTHS	20	19.8	19	19.4	1	-	64	17.3	35	10.8	29	64.4	68	16.9	67	17.0	1	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	13	12.9	12	12.2	1	-	32	8.7	25	7.7	7	15.6	30	7.5	30	7.6	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	19.8	2	20.4	-	-	4	10.8	3	9.3	1	22.2	3	7.5	3	7.6	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	9.9	1	10.2	-	-	2	5.4	2	6.2	-	-	1	2.5	1	2.5	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	2	5.4	2	6.2	-	-	1	2.5	1	2.5	-	-
7-27 DAYS OF AGE	1	9.9	1	10.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	-	-	-	-	-	-	5	13.6	5	15.4	-	-	1	2.5	1	2.5	-	-
INDUCED ABORTIONS	12	118.8	12	122.4	-	-	54	146.3	52	158.1	1	25.0	108	268.7	106	266.3	2	-
TOTAL DEATHS	88	7.7	88	7.8	-	-	296	10.8	263	10.7	33	11.4	327	10.9	322	10.9	5	9.8
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	3	10.9	3	12.2	-	-	1	3.3	1	3.4	-	-
MALIGNANT NEOPLASMS (140-208)	20	174.0	20	177.4	-	-	67	244.4	65	265.2	2	-	73	242.8	71	240.2	2	-
DIABETES MELLITUS (250)	3	26.1	3	26.6	-	-	3	10.9	3	12.2	-	-	7	23.3	7	23.7	-	-
DISEASES OF HEART (390-398,402,404-429)	32	278.4	32	283.9	-	-	120	437.8	103	420.3	17	-	135	449.0	132	446.5	3	-
CEREBROVASCULAR DISEASE (430-438)	7	60.9	7	62.1	-	-	25	91.2	20	81.6	5	-	21	69.8	21	71.0	-	-
ATHEROSCLEROSIS (440)	1	8.7	1	8.9	-	-	-	-	-	-	-	-	2	6.7	2	6.8	-	-
PNEUMONIA AND INFLUENZA (480-487)	5	43.5	5	44.4	-	-	11	40.1	8	32.6	3	-	11	36.6	11	37.2	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	3	26.1	3	26.6	-	-	11	40.1	10	40.8	1	-	14	46.6	14	47.4	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	-	-	-	-	-	-	3	10.0	3	10.1	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	-	-	-	-	-	-	1	3.6	1	4.1	-	-	1	3.3	1	3.4	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	1	3.6	1	4.1	-	-	1	3.3	1	3.4	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	2	7.3	2	8.2	-	-	1	3.3	1	3.4	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	17.4	2	17.7	-	-	6	21.9	5	20.4	1	-	3	10.0	3	10.1	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	7	60.9	7	62.1	-	-	18	65.7	17	69.4	1	-	22	73.2	22	74.4	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	1	8.7	1	8.9	-	-	13	47.4	13	53.0	-	-	12	39.9	12	40.6	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6	52.2	6	53.2	-	-	5	18.2	4	16.3	1	-	10	33.3	10	33.8	-	-
SUICIDE (E950-E959)	-	-	-	-	-	-	3	10.9	3	12.2	-	-	7	23.3	7	23.7	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	1	3.6	-	-	1	-	1	3.3	1	3.4	-	-
ALL OTHER CAUSES	8	69.6	8	71.0	-	-	24	87.6	22	89.8	2	-	24	79.8	24	81.2	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	MCMINN				MCNAIRY				MACON			
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 44,639		WHITE 42,094		OTHER RACES 2,545		ALL RACES 24,519		WHITE 22,744		OTHER RACES 1,775		ALL RACES 17,244		WHITE 17,183		OTHER RACES 61	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	526	11.8	485	11.5	41	16.1	320	13.1	292	12.8	28	15.8	208	12.1	208	12.1	-	-
ILLEGITIMATE BIRTHS	94	17.9	70	14.4	24	58.5	52	16.2	38	13.0	14	50.0	39	18.8	39	18.8	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	39	7.4	34	7.0	5	12.2	17	5.3	14	4.8	3	10.7	12	5.8	12	5.8	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4	7.6	3	6.2	1	24.4	2	6.2	2	6.8	-	-	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	3.8	1	2.1	1	24.4	2	6.2	2	6.8	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	2	3.8	1	2.1	1	24.4	1	3.1	1	3.4	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	1	3.1	1	3.4	-	-	-	-	-	-	-	-
FETAL DEATHS	2	3.8	2	4.1	-	-	3	9.4	3	10.3	-	-	2	9.6	2	9.6	-	-
INDUCED ABORTIONS	120	228.1	109	223.4	11	289.5	37	115.6	34	116.4	3	107.1	17	81.7	15	72.1	1	-
TOTAL DEATHS	441	9.9	422	10.0	19	7.5	255	10.4	244	10.7	11	6.2	171	9.9	171	10.0	-	-
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	1	4.1	1	4.4	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	99	221.8	91	216.2	8	-	46	187.6	46	202.3	-	-	32	185.6	32	186.2	-	-
DIABETES MELLITUS (250)	8	17.9	7	16.6	1	-	2	8.2	1	4.4	1	-	2	11.6	2	11.6	-	-
DISEASES OF HEART (390-398,402,404-429)	169	378.6	162	384.9	7	-	87	354.8	83	364.9	4	-	52	301.6	52	302.6	-	-
CEREBROVASCULAR DISEASE (430-438)	35	78.4	34	80.8	1	-	25	102.0	23	101.1	2	-	9	52.2	9	52.4	-	-
ATHEROSCLEROSIS (440)	2	4.5	2	4.8	-	-	2	8.2	2	8.8	-	-	1	5.8	1	5.8	-	-
PNEUMONIA AND INFLUENZA (480-487)	9	20.2	9	21.4	-	-	11	44.9	10	44.0	1	-	9	52.2	9	52.4	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	14	31.4	14	33.3	-	-	11	44.9	11	48.4	-	-	8	46.4	8	46.6	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2	4.5	2	4.8	-	-	5	20.4	4	17.6	1	-	3	17.4	3	17.5	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	6.7	3	7.1	-	-	3	12.2	2	8.8	1	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	1	2.2	1	2.4	-	-	1	4.1	1	4.4	-	-	1	5.8	1	5.8	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	2.2	-	-	1	-	1	4.1	1	4.4	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	4	9.0	4	9.5	-	-	-	-	-	-	-	-	6	34.8	6	34.9	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	28	62.7	28	66.5	-	-	29	118.3	29	127.5	-	-	13	75.4	13	75.7	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	17	38.1	17	40.4	-	-	21	85.6	21	92.3	-	-	8	46.4	8	46.6	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	11	24.6	11	26.1	-	-	8	32.6	8	35.2	-	-	5	29.0	5	29.1	-	-
SUICIDE (E950-E959)	4	9.0	4	9.5	-	-	7	28.5	7	30.8	-	-	5	29.0	5	29.1	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3	6.7	3	7.1	-	-	1	4.1	1	4.4	-	-	4	23.2	4	23.3	-	-
ALL OTHER CAUSES	59	132.2	58	137.8	1	-	23	93.8	22	96.7	1	-	26	150.8	26	151.3	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	MADISON						MARION						MARSHALL					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 80,269		WHITE 54,987		OTHER RACES 25,282		ALL RACES 25,997		WHITE 24,863		OTHER RACES 1,134		ALL RACES 20,729		WHITE 18,543		OTHER RACES 2,186	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	1198	14.9	697	12.7	501	19.8	325	12.5	299	12.0	26	22.9	248	12.0	222	12.0	26	11.9
ILLEGITIMATE BIRTHS	412	34.4	73	10.5	339	67.7	76	23.4	58	19.4	18	69.2	44	17.7	28	12.6	16	61.5
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	100	8.3	33	4.7	67	13.4	26	8.0	25	8.4	1	3.8	11	4.4	8	3.6	3	11.5
INFANT DEATHS (UNDER ONE YEAR OF AGE)	17	14.2	10	14.3	7	14.0	6	18.5	4	13.4	2	76.9	1	4.0	1	4.5	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	16	13.4	9	12.9	7	14.0	3	9.2	3	10.0	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	14	11.7	7	10.0	7	14.0	3	9.2	3	10.0	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	2	1.7	2	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	10	8.3	3	4.3	7	14.0	2	6.2	2	6.7	-	-	2	8.1	2	9.0	-	-
INDUCED ABORTIONS	281	234.6	167	237.2	114	230.8	64	196.9	61	202.7	3	125.0	46	185.5	34	152.5	12	480.0
TOTAL DEATHS	831	10.4	595	10.8	236	9.3	249	9.6	231	9.3	18	15.9	240	11.6	220	11.9	20	9.1
CAUSE OF DEATH																		
SEPTICEMIA (038)	5	6.2	3	5.5	2	7.9	1	3.8	1	4.0	-	-	5	24.1	4	21.6	1	-
MALIGNANT NEOPLASMS (140-208)	174	216.8	130	236.4	44	174.0	53	203.9	48	193.1	5	-	50	241.2	42	226.5	8	-
DIABETES MELLITUS (250)	17	21.2	10	18.2	7	27.7	2	7.7	2	8.0	-	-	4	19.3	4	21.6	-	-
DISEASES OF HEART (390-398,402,404-429)	244	304.0	186	338.3	58	229.4	70	269.3	66	265.5	4	-	92	443.8	87	469.2	5	-
CEREBROVASCULAR DISEASE (430-438)	87	108.4	62	112.8	25	98.9	22	84.6	19	76.4	3	-	21	101.3	19	102.5	2	-
ATHEROSCLEROSIS (440)	7	8.7	4	7.3	3	11.9	21	80.8	20	80.4	1	-	3	14.5	3	16.2	-	-
PNEUMONIA AND INFLUENZA (480-487)	31	38.6	23	41.8	8	31.6	9	34.6	8	32.2	1	-	13	62.7	13	70.1	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	28	34.9	22	40.0	6	23.7	9	34.6	8	32.2	1	-	2	9.6	2	10.8	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4	5.0	3	5.5	1	4.0	2	7.7	2	8.0	-	-	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	15	18.7	3	5.5	12	47.5	5	19.2	3	12.1	2	-	3	14.5	3	16.2	-	-
CONGENITAL ANOMALIES (740-759)	8	10.0	7	12.7	1	4.0	2	7.7	2	8.0	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	10	12.5	3	5.5	7	27.7	2	7.7	2	8.0	-	-	1	4.8	1	5.4	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	22	27.4	14	25.5	8	31.6	1	3.8	1	4.0	-	-	-	-	-	-	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	41	51.1	30	54.6	11	43.5	24	92.3	24	96.5	-	-	11	53.1	10	53.9	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	25	31.1	19	34.6	6	23.7	19	73.1	19	76.4	-	-	10	48.2	10	53.9	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	16	19.9	11	20.0	5	19.8	5	19.2	5	20.1	-	-	1	4.8	-	-	1	-
SUICIDE (E950-E959)	8	10.0	7	12.7	1	4.0	2	7.7	2	8.0	-	-	4	19.3	4	21.6	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	9	11.2	2	3.6	7	27.7	2	7.7	2	8.0	-	-	3	14.5	2	10.8	1	-
ALL OTHER CAUSES	121	150.7	86	156.4	35	138.4	22	84.6	21	84.5	1	-	28	135.1	26	140.2	2	-

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	MAURY						MEIGS						MONROE					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 55,125		WHITE 45,601		OTHER RACES 9,524		ALL RACES 8,425		WHITE 8,310		OTHER RACES 115		ALL RACES 31,069		WHITE 30,092		OTHER RACES 977	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	778	14.1	626	13.7	152	16.0	82	9.7	81	9.7	1	8.7	436	14.0	422	14.0	14	14.3
ILLEGITIMATE BIRTHS	208	26.7	119	19.0	89	58.6	16	19.5	15	18.5	1	-	59	13.5	53	12.6	6	42.9
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	62	8.0	45	7.2	17	11.2	8	9.8	8	9.9	-	-	22	5.0	22	5.2	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	2.6	1	1.6	1	6.6	2	24.4	2	24.7	-	-	7	16.1	7	16.6	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	1.3	-	-	1	6.6	1	12.2	1	12.3	-	-	3	6.9	3	7.1	-	-
UNDER 7 DAYS OF AGE	1	1.3	-	-	1	6.6	1	12.2	1	12.3	-	-	3	6.9	3	7.1	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	4	5.1	2	3.2	2	13.2	1	12.2	1	12.3	-	-	4	9.2	4	9.5	-	-
INDUCED ABORTIONS	118	151.7	85	135.1	33	221.5	22	268.3	22	271.6	-	-	76	174.3	71	166.7	5	500.0
TOTAL DEATHS	570	10.3	469	10.3	101	10.6	67	8.0	64	7.7	3	26.1	283	9.1	278	9.2	5	5.1
CAUSE OF DEATH																		
SEPTICEMIA (038)	4	7.3	4	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	129	234.0	109	239.0	20	210.0	16	189.9	16	192.5	-	-	66	212.4	66	219.3	-	-
DIABETES MELLITUS (250)	10	18.1	8	17.5	2	21.0	1	11.9	-	-	1	-	6	19.3	6	19.9	-	-
DISEASES OF HEART (390-398,402,404-429)	200	362.8	168	368.4	32	336.0	17	201.8	15	180.5	2	-	92	296.1	88	292.4	4	-
CEREBROVASCULAR DISEASE (430-438)	54	98.0	40	87.7	14	147.0	6	71.2	6	72.2	-	-	19	61.2	19	63.1	-	-
ATHEROSCLEROSIS (440)	1	1.8	-	-	1	10.5	1	11.9	1	12.0	-	-	1	3.2	1	3.3	-	-
PNEUMONIA AND INFLUENZA (480-487)	24	43.5	21	46.1	3	31.5	3	35.6	3	36.1	-	-	17	54.7	17	56.5	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	20	36.3	16	35.1	4	42.0	2	23.7	2	24.1	-	-	6	19.3	6	19.9	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4	7.3	3	6.6	1	10.5	2	23.7	2	24.1	-	-	3	9.7	3	10.0	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	4	7.3	3	6.6	1	10.5	-	-	-	-	-	-	3	9.7	3	10.0	-	-
CONGENITAL ANOMALIES (740-759)	3	5.4	3	6.6	-	-	-	-	-	-	-	-	2	6.4	2	6.6	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	1.8	-	-	1	10.5	1	11.9	1	12.0	-	-	4	12.9	4	13.3	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	9	16.3	7	15.4	2	21.0	4	47.5	4	48.1	-	-	6	19.3	6	19.9	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	28	50.8	26	57.0	2	21.0	1	11.9	1	12.0	-	-	17	54.7	17	56.5	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	17	30.8	16	35.1	1	10.5	-	-	-	-	-	-	11	35.4	11	36.6	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	11	20.0	10	21.9	1	10.5	1	11.9	1	12.0	-	-	6	19.3	6	19.9	-	-
SUICIDE (E950-E959)	8	14.5	7	15.4	1	10.5	2	23.7	2	24.1	-	-	-	-	-	-	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3	5.4	1	2.2	2	21.0	4	47.5	4	48.1	-	-	3	9.7	3	10.0	-	-
ALL OTHER CAUSES	68	123.4	53	116.2	15	157.5	7	83.1	7	84.2	-	-	38	122.3	37	123.0	1	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	MONTGOMERY						MOORE						MORGAN					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 97,370		WHITE 76,899		OTHER RACES 20,471		ALL RACES 5,043		WHITE 4,875		OTHER RACES 168		ALL RACES 18,028		WHITE 17,919		OTHER RACES 109	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	1772	18.2	1311	17.0	461	22.5	47	9.3	43	8.8	4	23.8	204	11.3	204	11.4	-	-
ILLEGITIMATE BIRTHS	336	19.0	161	12.3	175	38.0	5	10.6	3	7.0	2	-	44	21.6	44	21.6	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	110	6.2	67	5.1	43	9.3	6	12.8	5	11.6	1	-	13	6.4	13	6.4	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	21	11.9	11	8.4	10	21.7	2	42.6	1	23.3	1	-	2	9.8	2	9.8	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	12	6.8	7	5.3	5	10.8	-	-	-	-	-	-	1	4.9	1	4.9	-	-
UNDER 7 DAYS OF AGE	12	6.8	7	5.3	5	10.8	-	-	-	-	-	-	1	4.9	1	4.9	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	17	9.6	10	7.6	7	15.2	-	-	-	-	-	-	3	14.7	3	14.7	-	-
INDUCED ABORTIONS	322	181.7	210	155.1	110	263.8	3	63.8	3	69.8	-	-	41	201.0	41	201.0	-	-
TOTAL DEATHS	592	6.1	470	6.1	122	6.0	35	6.9	33	6.8	2	11.9	166	9.2	166	9.3	-	-
CAUSE OF DEATH																		
SEPTICEMIA (038)	4	4.1	4	5.2	-	-	2	39.7	1	-	1	-	1	5.5	1	5.6	-	-
MALIGNANT NEOPLASMS (140-208)	133	136.6	112	145.6	21	102.6	5	99.1	5	-	-	-	41	227.4	41	228.8	-	-
DIABETES MELLITUS (250)	9	9.2	7	9.1	2	9.8	1	19.8	1	-	-	-	2	11.1	2	11.2	-	-
DISEASES OF HEART (390-398,402,404-429)	183	187.9	139	180.8	44	214.9	10	198.3	10	-	-	-	57	316.2	57	318.1	-	-
CEREBROVASCULAR DISEASE (430-438)	40	41.1	28	36.4	12	58.6	4	79.3	4	-	-	-	4	22.2	4	22.3	-	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	3	59.5	2	-	1	-	2	11.1	2	11.2	-	-
PNEUMONIA AND INFLUENZA (480-487)	17	17.5	16	20.8	1	4.9	-	-	-	-	-	-	13	72.1	13	72.5	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	27	27.7	27	35.1	-	-	3	59.5	3	-	-	-	9	49.9	9	50.2	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	6	6.2	6	7.8	-	-	-	-	-	-	-	-	1	5.5	1	5.6	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	6	6.2	5	6.5	1	4.9	-	-	-	-	-	-	1	5.5	1	5.6	-	-
CONGENITAL ANOMALIES (740-759)	2	2.1	1	1.3	1	4.9	-	-	-	-	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	12	12.3	7	9.1	5	24.4	-	-	-	-	-	-	1	5.5	1	5.6	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	22	22.6	17	22.1	5	24.4	-	-	-	-	-	-	3	16.6	3	16.7	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	48	49.3	41	53.3	7	34.2	2	39.7	2	-	-	-	11	61.0	11	61.4	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	25	25.7	20	26.0	5	24.4	1	19.8	1	-	-	-	3	16.6	3	16.7	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	23	23.6	21	27.3	2	9.8	1	19.8	1	-	-	-	8	44.4	8	44.6	-	-
SUICIDE (E950-E959)	10	10.3	10	13.0	-	-	-	-	-	-	-	-	2	11.1	2	11.2	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	5	5.1	2	2.6	3	14.7	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	68	69.8	48	62.4	20	97.7	5	99.1	5	-	-	-	18	99.8	18	100.5	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	OBION						OVERTON						PERRY					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 34,204		WHITE 30,421		OTHER RACES 3,783		ALL RACES 18,474		WHITE 18,390		OTHER RACES 84		ALL RACES 6,419		WHITE 6,247		OTHER RACES 172	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	390	11.4	335	11.0	55	14.5	199	10.8	198	10.8	1	11.9	92	14.3	89	14.2	3	17.4
ILLEGITIMATE BIRTHS	70	17.9	33	9.9	37	67.3	23	11.6	23	11.6	-	-	17	18.5	14	15.7	3	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	14	3.6	11	3.3	3	5.5	10	5.0	10	5.1	-	-	9	9.8	7	7.9	2	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	2.6	1	3.0	-	-	-	-	-	-	-	-	1	10.9	1	11.2	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	-	-	-	-	-	-	1	10.9	1	11.2	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	1	10.9	1	11.2	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	6	15.4	4	11.9	2	36.4	1	5.0	1	5.1	-	-	2	21.7	2	22.5	-	-
INDUCED ABORTIONS	44	112.8	37	109.5	7	134.6	27	135.7	27	136.4	-	-	11	119.6	11	122.2	-	-
TOTAL DEATHS	352	10.3	325	10.7	27	7.1	178	9.6	178	9.7	-	-	88	13.7	86	13.8	2	11.6
CAUSE OF DEATH																		
SEPTICEMIA (038)	2	5.8	2	6.6	-	-	1	5.4	1	5.4	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	66	193.0	60	197.2	6	-	30	162.4	30	163.1	-	-	21	327.2	20	320.2	1	-
DIABETES MELLITUS (250)	5	14.6	5	16.4	-	-	1	5.4	1	5.4	-	-	-	-	-	-	-	-
DISEASES OF HEART (390-398,402,404-429)	130	380.1	123	404.3	7	-	80	433.0	80	435.0	-	-	22	342.7	22	352.2	-	-
CEREBROVASCULAR DISEASE (430-438)	35	102.3	31	101.9	4	-	11	59.5	11	59.8	-	-	5	77.9	5	80.0	-	-
ATHEROSCLEROSIS (440)	29	84.8	25	82.2	4	-	1	5.4	1	5.4	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	13	38.0	13	42.7	-	-	8	43.3	8	43.5	-	-	7	109.1	7	112.1	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	11	32.2	11	36.2	-	-	9	48.7	9	48.9	-	-	4	62.3	4	64.0	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4	11.7	3	9.9	1	-	1	5.4	1	5.4	-	-	1	15.6	1	16.0	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	-	-	-	-	-	-	3	16.2	3	16.3	-	-	1	15.6	1	16.0	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	-	-	-	-	-	-	1	15.6	1	16.0	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	5.8	1	3.3	1	-	1	5.4	1	5.4	-	-	1	15.6	1	16.0	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	21	61.4	19	62.5	2	-	6	32.5	6	32.6	-	-	10	155.8	10	160.1	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	10	29.2	9	29.6	1	-	4	21.7	4	21.8	-	-	7	109.1	7	112.1	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	11	32.2	10	32.9	1	-	2	10.8	2	10.9	-	-	3	46.7	3	48.0	-	-
SUICIDE (E950-E959)	5	14.6	5	16.4	-	-	2	10.8	2	10.9	-	-	2	31.2	1	16.0	1	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	6	32.5	6	32.6	-	-	1	15.6	1	16.0	-	-
ALL OTHER CAUSES	29	84.8	27	88.8	2	-	18	97.4	18	97.9	-	-	12	186.9	12	192.1	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	PICKETT						POLK						PUTNAM					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 4,696		WHITE 4,696		OTHER RACES 0		ALL RACES 459		WHITE 14,459		OTHER RACES 0		ALL RACES 52,212		WHITE 50,772		OTHER RACES 1,440	
	NO.	RATE	NO.	RATE	NO.	RATE	N.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	47	10.0	47	10.0	-	-	175	12.1	175	12.1	-	-	649	12.4	631	12.4	18	12.5
ILLEGITIMATE BIRTHS	3	6.4	3	6.4	-	-	35	20.0	35	20.0	-	-	97	14.9	94	14.9	3	16.7
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	2	4.3	2	4.3	-	-	17	9.7	17	9.7	-	-	36	5.5	36	5.7	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	-	-	-	-	-	-	-	-	-	-	-	-	4	6.2	4	6.3	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	-	-	-	-	-	-	1	1.5	1	1.6	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	1	1.5	1	1.6	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	-	-	-	-	-	-	-	-	-	-	-	-	2	3.1	1	1.6	1	55.6
INDUCED ABORTIONS	4	85.1	4	85.1	-	-	24	137.1	24	137.1	-	-	180	277.3	173	273.7	7	411.8
TOTAL DEATHS	40	8.5	40	8.5	-	-	156	10.8	156	10.8	-	-	461	8.8	452	8.9	9	6.2
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	3	5.7	3	5.9	-	-
MALIGNANT NEOPLASMS (140-208)	5	106.5	5	-	-	-	38	262.8	38	262.8	-	-	107	204.9	104	204.8	3	-
DIABETES MELLITUS (250)	-	-	-	-	-	-	5	34.6	5	34.6	-	-	7	13.4	7	13.8	-	-
DISEASES OF HEART (390-398,402,404-429)	16	340.7	16	-	-	-	53	366.6	53	366.6	-	-	144	275.8	143	281.7	1	-
CEREBROVASCULAR DISEASE (430-438)	3	63.9	3	-	-	-	17	117.6	17	117.6	-	-	49	93.8	45	88.6	4	-
ATHEROSCLEROSIS (440)	1	21.3	1	-	-	-	1	6.9	1	6.9	-	-	7	13.4	7	13.8	-	-
PNEUMONIA AND INFLUENZA (480-487)	3	63.9	3	-	-	-	3	20.7	3	20.7	-	-	14	26.8	14	27.6	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	2	42.6	2	-	-	-	4	27.7	4	27.7	-	-	18	34.5	18	35.5	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	3	20.7	3	20.7	-	-	3	5.7	3	5.9	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	63.9	3	-	-	-	2	13.8	2	13.8	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	-	-	-	-	-	-	1	1.9	1	2.0	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	2	13.8	2	13.8	-	-	31	59.4	30	59.1	1	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	4	85.2	4	-	-	-	7	48.4	7	48.4	-	-	17	32.6	17	33.5	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	3	63.9	3	-	-	-	6	41.5	6	41.5	-	-	5	9.6	5	9.8	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	1	21.3	1	-	-	-	1	6.9	1	6.9	-	-	12	23.0	12	23.6	-	-
SUICIDE (E950-E959)	-	-	-	-	-	-	2	13.8	2	13.8	-	-	7	13.4	7	13.8	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	2	13.8	2	13.8	-	-	4	7.7	4	7.9	-	-
ALL OTHER CAUSES	3	63.9	3	-	-	-	17	117.6	17	117.6	-	-	49	93.8	49	96.5	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	RHEA						ROANE						ROBERTSON					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 27,658		WHITE 26,842		OTHER RACES 816		ALL RACES 52,379		WHITE 50,595		OTHER RACES 1,784		ALL RACES 41,468		WHITE 35,832		OTHER RACES 5,636	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	335	12.1	325	12.1	10	12.3	524	10.0	499	9.9	25	14.0	645	15.6	552	15.4	93	16.5
ILLEGITIMATE BIRTHS	76	22.7	70	21.5	6	60.0	119	22.7	101	20.2	18	72.0	139	21.6	73	13.2	66	71.0
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	27	8.1	26	8.0	1	10.0	42	8.0	38	7.6	4	16.0	47	7.3	39	7.1	8	8.6
INFANT DEATHS (UNDER ONE YEAR OF AGE)	5	14.9	5	15.4	-	-	4	7.6	4	8.0	-	-	4	6.2	4	7.2	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	6.0	2	6.2	-	-	2	3.8	2	4.0	-	-	4	6.2	4	7.2	-	-
UNDER 7 DAYS OF AGE	2	6.0	2	6.2	-	-	2	3.8	2	4.0	-	-	4	6.2	4	7.2	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	3	9.0	3	9.2	-	-	2	3.8	2	4.0	-	-	6	9.3	5	9.1	1	10.8
INDUCED ABORTIONS	47	140.3	46	140.7	1	-	132	251.9	126	250.5	6	285.7	95	147.3	82	148.0	13	142.9
TOTAL DEATHS	211	7.6	201	7.5	10	12.3	461	8.8	443	8.8	18	10.1	378	9.1	335	9.3	43	7.6
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	1	1.9	1	2.0	-	-	1	2.4	1	2.8	-	-
MALIGNANT NEOPLASMS (140-208)	43	155.5	39	145.3	4	-	106	202.4	103	203.6	3	-	82	197.7	75	209.3	7	124.2
DIABETES MELLITUS (250)	2	7.2	2	7.5	-	-	6	11.5	5	9.9	1	-	7	16.9	7	19.5	-	-
DISEASES OF HEART (390-398,402,404-429).....	90	325.4	88	327.8	2	-	165	315.0	156	308.3	9	-	132	318.3	115	320.9	17	301.6
CEREBROVASCULAR DISEASE (430-438).....	15	54.2	13	48.4	2	-	35	66.8	33	65.2	2	-	28	67.5	23	64.2	5	88.7
ATHEROSCLEROSIS (440)	3	10.8	3	11.2	-	-	2	3.8	2	4.0	-	-	8	19.3	7	19.5	1	17.7
PNEUMONIA AND INFLUENZA (480-487)	7	25.3	7	26.1	-	-	18	34.4	17	33.6	1	-	13	31.3	11	30.7	2	35.5
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496).....	8	28.9	8	29.8	-	-	25	47.7	25	49.4	-	-	9	21.7	8	22.3	1	17.7
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4	14.5	3	11.2	1	-	2	3.8	2	4.0	-	-	2	4.8	2	5.6	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	3.6	1	3.7	-	-	5	9.5	5	9.9	-	-	2	4.8	2	5.6	-	-
CONGENITAL ANOMALIES (740-759)	3	10.8	3	11.2	-	-	1	1.9	1	2.0	-	-	3	7.2	3	8.4	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	3.6	1	3.7	-	-	1	1.9	1	2.0	-	-	2	4.8	2	5.6	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	7.2	2	7.5	-	-	8	15.3	8	15.8	-	-	-	-	-	-	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	11	39.8	10	37.3	1	-	33	63.0	32	63.2	1	-	26	62.7	23	64.2	3	53.2
MOTOR VEHICLE ACCIDENTS (E810-E825)	6	21.7	6	22.4	-	-	19	36.3	19	37.6	-	-	15	36.2	14	39.1	1	17.7
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5	18.1	4	14.9	1	-	14	26.7	13	25.7	1	-	11	26.5	9	25.1	2	35.5
SUICIDE (E950-E959)	-	-	-	-	-	-	5	9.5	5	9.9	-	-	7	16.9	7	19.5	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ...	2	7.2	2	7.5	-	-	2	3.8	2	4.0	-	-	4	9.6	4	11.2	-	-
ALL OTHER CAUSES	19	68.7	19	70.8	-	-	46	87.8	45	88.9	1	-	52	125.4	45	125.6	7	124.2

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	RUTHERFORD						SCOTT						SEQUATCHIE					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 96,411		WHITE 86,111		OTHER RACES 10,300		ALL RACES 21,522		WHITE 21,522		OTHER RACES 0		ALL RACES 9,383		WHITE 9,336		OTHER RACES 47	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	1783	18.5	1539	17.9	244	23.7	256	11.9	256	11.9	-	-	92	9.8	91	9.7	1	21.3
ILLEGITIMATE BIRTHS	359	20.1	212	13.8	147	60.2	46	18.0	46	18.0	-	-	24	26.1	24	26.4	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	115	6.4	87	5.7	28	11.5	21	8.2	21	8.2	-	-	6	6.5	6	6.6	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	20	11.2	15	9.7	5	20.5	1	3.9	1	3.9	-	-	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	14	7.9	11	7.1	3	12.3	1	3.9	1	3.9	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	11	6.2	9	5.8	2	8.2	1	3.9	1	3.9	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	3	1.7	2	1.3	1	4.1	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	11	6.2	6	3.9	5	20.5	1	3.9	1	3.9	-	-	2	21.7	2	22.0	-	-
INDUCED ABORTIONS	406	227.7	349	224.4	54	236.8	30	117.2	29	113.3	-	-	11	119.6	11	120.9	-	-
TOTAL DEATHS	741	7.7	649	7.5	92	8.9	209	9.7	209	9.7	-	-	73	7.8	73	7.8	-	-
CAUSE OF DEATH																		
SEPTICEMIA (038)	3	3.1	3	3.5	-	-	2	9.3	2	9.3	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	162	168.0	143	166.1	19	184.5	56	260.2	56	260.2	-	-	16	170.5	16	171.4	-	-
DIABETES MELLITUS (250)	7	7.3	7	8.1	-	-	1	4.6	1	4.6	-	-	2	21.3	2	21.4	-	-
DISEASES OF HEART (390-398,402,404-429)	264	273.8	229	265.9	35	339.8	56	260.2	56	260.2	-	-	26	277.1	26	278.5	-	-
CEREBROVASCULAR DISEASE (430-438)	69	71.6	64	74.3	5	48.5	20	92.9	20	92.9	-	-	4	42.6	4	42.8	-	-
ATHEROSCLEROSIS (440)	6	6.2	5	5.8	1	9.7	3	13.9	3	13.9	-	-	1	10.7	1	10.7	-	-
PNEUMONIA AND INFLUENZA (480-487)	15	15.6	14	16.3	1	9.7	10	46.5	10	46.5	-	-	4	42.6	4	42.8	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	36	37.3	33	38.3	3	29.1	19	88.3	19	88.3	-	-	3	32.0	3	32.1	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	10	10.4	9	10.5	1	9.7	1	4.6	1	4.6	-	-	2	21.3	2	21.4	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	7	7.3	5	5.8	2	19.4	1	4.6	1	4.6	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	6	6.2	4	4.6	2	19.4	-	-	-	-	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	11	11.4	9	10.5	2	19.4	1	4.6	1	4.6	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	5	5.2	4	4.6	1	9.7	3	13.9	3	13.9	-	-	-	-	-	-	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	57	59.1	53	61.5	4	38.8	13	60.4	13	60.4	-	-	7	74.6	7	75.0	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	35	36.3	31	36.0	4	38.8	7	32.5	7	32.5	-	-	4	42.6	4	42.8	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	22	22.8	22	25.5	-	-	6	27.9	6	27.9	-	-	3	32.0	3	32.1	-	-
SUICIDE (E950-E959)	9	9.3	8	9.3	1	9.7	3	13.9	3	13.9	-	-	-	-	-	-	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	4	4.1	3	3.5	1	9.7	1	4.6	1	4.6	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	70	72.6	56	65.0	14	135.9	19	88.3	19	88.3	-	-	8	85.3	8	85.7	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	SEVIER						SHELBY						SMITH					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 47,489		WHITE 47,132		OTHER RACES 357		ALL RACES 841,079		WHITE 451,411		OTHER RACES 389,668		ALL RACES 15,996		WHITE 15,402		OTHER RACES 594	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	600	12.6	589	12.5	11	30.8	15193	18.1	6446	14.3	8746	22.4	185	11.6	178	11.6	7	11.8
ILLEGITIMATE BIRTHS	94	15.7	92	15.6	2	18.2	6787	44.7	666	10.3	6120	70.0	25	13.5	19	10.7	6	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	27	4.5	27	4.6	-	-	1554	10.2	400	6.2	1154	13.2	6	3.2	6	3.4	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	5	8.3	5	8.5	-	-	228	15.0	45	7.0	183	20.9	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	140	9.2	29	4.5	111	12.7	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	118	7.8	24	3.7	94	10.7	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	22	1.4	5	0.8	17	1.9	-	-	-	-	-	-
FETAL DEATHS	2	3.3	2	3.4	-	-	140	9.2	24	3.7	116	13.3	1	5.4	1	5.6	-	-
INDUCED ABORTIONS	159	265.0	159	269.0	-	-	6474	426.1	2439	374.5	4026	463.9	15	81.1	13	72.2	2	-
TOTAL DEATHS	403	8.5	403	8.6	-	-	7147	8.5	3883	8.6	3264	8.4	164	10.3	157	10.2	7	11.8
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	84	10.0	45	10.0	39	10.0	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	82	172.7	82	174.0	-	-	1587	188.7	901	199.6	686	176.0	21	131.3	21	136.3	-	-
DIABETES MELLITUS (250)	12	25.3	12	25.5	-	-	94	11.2	39	8.6	55	14.1	1	6.3	-	-	1	-
DISEASES OF HEART (390-398,402,404-429)	136	286.4	136	288.6	-	-	2481	295.0	1403	310.8	1078	276.6	77	481.4	71	461.0	6	-
CEREBROVASCULAR DISEASE (430-438)	34	71.6	34	72.1	-	-	607	72.2	311	68.9	296	76.0	12	75.0	12	77.9	-	-
ATHEROSCLEROSIS (440)	5	10.5	5	10.6	-	-	24	2.9	17	3.8	7	1.8	2	12.5	2	13.0	-	-
PNEUMONIA AND INFLUENZA (480-487)	8	16.8	8	17.0	-	-	222	26.4	138	30.6	84	21.6	10	62.5	10	64.9	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	15	31.6	15	31.8	-	-	220	26.2	155	34.3	65	16.7	6	37.5	6	39.0	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	5	10.5	5	10.6	-	-	68	8.1	40	8.9	28	7.2	1	6.3	1	6.5	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	6.3	3	6.4	-	-	77	9.2	35	7.8	42	10.8	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	44	5.2	22	4.9	22	5.6	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	2.1	1	2.1	-	-	123	14.6	18	4.0	105	26.9	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	20	42.1	20	42.4	-	-	76	9.0	31	6.9	45	11.5	2	12.5	2	13.0	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	24	50.5	24	50.9	-	-	298	35.4	137	30.3	161	41.3	2	12.5	2	13.0	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	12	25.3	12	25.5	-	-	129	15.3	67	14.8	62	15.9	1	6.3	1	6.5	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	12	25.3	12	25.5	-	-	169	20.1	70	15.5	99	25.4	1	6.3	1	6.5	-	-
SUICIDE (E950-E959)	6	12.6	6	12.7	-	-	92	10.9	73	16.2	19	4.9	6	37.5	6	39.0	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3	6.3	3	6.4	-	-	186	22.1	31	6.9	155	39.8	-	-	-	-	-	-
ALL OTHER CAUSES	49	103.2	49	104.0	-	-	864	102.7	487	107.9	377	96.7	24	150.0	24	155.8	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	STEWART						SULLIVAN						SUMNER					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 9,084		WHITE 8,926		OTHER RACES 158		ALL RACES 149,332		WHITE 145,921		OTHER RACES 3,411		ALL RACES 102,221		WHITE 95,899		OTHER RACES 6,322	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	100	11.0	98	11.0	2	12.7	1659	11.1	1615	11.1	44	12.9	1412	13.8	1303	13.6	109	17.2
ILLEGITIMATE BIRTHS	10	10.0	10	10.2	-	-	265	16.0	245	15.2	20	45.5	257	18.2	191	14.7	66	60.6
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	4	4.0	4	4.1	-	-	101	6.1	94	5.8	7	15.9	81	5.7	65	5.0	16	14.7
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	10.0	1	10.2	-	-	9	5.4	9	5.6	-	-	10	7.1	9	6.9	1	9.2
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	4	2.4	4	2.5	-	-	7	5.0	6	4.6	1	9.2
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	2	1.2	2	1.2	-	-	5	3.5	4	3.1	1	9.2
7-27 DAYS OF AGE	-	-	-	-	-	-	2	1.2	2	1.2	-	-	2	1.4	2	1.5	-	-
FETAL DEATHS	1	10.0	1	10.2	-	-	10	6.0	10	6.2	-	-	9	6.4	8	6.1	1	9.2
INDUCED ABORTIONS	6	60.0	6	61.2	-	-	406	244.7	395	243.4	11	305.6	248	175.6	227	173.0	21	210.0
TOTAL DEATHS	133	14.6	133	14.9	-	-	1332	8.9	1306	9.0	26	7.6	762	7.5	724	7.5	38	6.0
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	6	4.0	6	4.1	-	-	5	4.9	5	5.2	-	-
MALIGNANT NEOPLASMS (140-208)	30	330.3	30	336.1	-	-	304	203.6	296	202.8	8	-	176	172.2	168	175.2	8	126.5
DIABETES MELLITUS (250)	-	-	-	-	-	-	39	26.1	36	24.7	3	-	6	5.9	6	6.3	-	-
DISEASES OF HEART (390-398,402,404-429)	49	539.4	49	549.0	-	-	471	315.4	462	316.6	9	-	288	281.7	270	281.5	18	284.7
CEREBROVASCULAR DISEASE (430-438)	11	121.1	11	123.2	-	-	103	69.0	102	69.9	1	-	50	48.9	49	51.1	1	15.8
ATHEROSCLEROSIS (440)	1	11.0	1	11.2	-	-	6	4.0	5	3.4	1	-	2	2.0	1	1.0	1	15.8
PNEUMONIA AND INFLUENZA (480-487)	10	110.1	10	112.0	-	-	53	35.5	53	36.3	-	-	25	24.5	25	26.1	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	7	77.1	7	78.4	-	-	59	39.5	58	39.7	1	-	31	30.3	31	32.3	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	11	7.4	11	7.5	-	-	3	2.9	3	3.1	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	33.0	3	33.6	-	-	11	7.4	11	7.5	-	-	8	7.8	7	7.3	1	15.8
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	11	7.4	11	7.5	-	-	2	2.0	2	2.1	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	3	2.0	3	2.1	-	-	6	5.9	5	5.2	1	15.8
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3	33.0	3	33.6	-	-	4	2.7	4	2.7	-	-	6	5.9	6	6.3	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	4	44.0	4	44.8	-	-	65	43.5	65	44.5	-	-	52	50.9	50	52.1	2	31.6
MOTOR VEHICLE ACCIDENTS (E810-E825)	2	22.0	2	22.4	-	-	38	25.4	38	26.0	-	-	30	29.3	28	29.2	2	31.6
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2	22.0	2	22.4	-	-	27	18.1	27	18.5	-	-	22	21.5	22	22.9	-	-
SUICIDE (E950-E959)	2	22.0	2	22.4	-	-	20	13.4	20	13.7	-	-	16	15.7	15	15.6	1	15.8
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	22.0	2	22.4	-	-	6	4.0	5	3.4	1	-	5	4.9	4	4.2	1	15.8
ALL OTHER CAUSES	11	121.1	11	123.2	-	-	160	107.1	158	108.3	2	-	81	79.2	77	80.3	4	63.3

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	TIPTON						TROUSDALE						UNICOI					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 36,081		WHITE 26,311		OTHER RACES 9,770		ALL RACES 6,689		WHITE 5,766		OTHER RACES 923		ALL RACES 16,593		WHITE 16,593		OTHER RACES 0	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	675	18.7	435	16.5	240	24.6	76	11.4	67	11.6	9	9.8	199	12.0	198	11.9	1	-
ILLEGITIMATE BIRTHS	234	34.7	68	15.6	166	69.2	20	26.3	13	19.4	7	-	34	17.1	34	17.2	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	58	8.6	37	8.5	21	8.8	9	11.8	8	11.9	1	-	11	5.5	10	5.1	1	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	12	17.8	8	18.4	4	16.7	1	13.2	-	-	1	-	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	7	10.4	5	11.5	2	8.3	-	-	-	-	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	6	8.9	5	11.5	1	4.2	-	-	-	-	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	1	1.5	-	-	1	4.2	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	6	8.9	3	6.9	3	12.5	-	-	-	-	-	-	3	15.1	3	15.2	-	-
INDUCED ABORTIONS	98	145.2	62	141.9	36	151.3	7	92.1	5	74.6	2	-	14	70.4	14	70.7	-	-
TOTAL DEATHS	368	10.2	244	9.3	124	12.7	71	10.6	56	9.7	15	16.3	191	11.5	191	11.5	-	-
CAUSE OF DEATH																		
SEPTICEMIA (038)	4	11.1	1	3.8	3	30.7	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	82	227.3	60	228.0	22	225.2	17	254.1	14	242.8	3	-	52	313.4	52	313.4	-	-
DIABETES MELLITUS (250)	7	19.4	5	19.0	2	20.5	-	-	-	-	-	-	-	-	-	-	-	-
DISEASES OF HEART (390-398,402,404-429)	131	363.1	86	326.9	45	460.6	24	358.8	18	312.2	6	-	69	415.8	69	415.8	-	-
CEREBROVASCULAR DISEASE (430-438)	48	133.0	21	79.8	27	276.4	11	164.4	11	190.8	-	-	14	84.4	14	84.4	-	-
ATHEROSCLEROSIS (440)	5	13.9	4	15.2	1	10.2	1	14.9	-	-	1	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	14	38.8	11	41.8	3	30.7	3	44.8	2	34.7	1	-	13	78.3	13	78.3	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	10	27.7	9	34.2	1	10.2	1	14.9	1	17.3	-	-	8	48.2	8	48.2	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	2.8	1	3.8	-	-	-	-	-	-	-	-	1	6.0	1	6.0	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	-	-	-	-	-	-	1	14.9	1	17.3	-	-	1	6.0	1	6.0	-	-
CONGENITAL ANOMALIES (740-759)	2	5.5	2	7.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	4	11.1	3	11.4	1	10.2	-	-	-	-	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	5	13.9	3	11.4	2	20.5	1	14.9	-	-	1	-	1	6.0	1	6.0	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	15	41.6	10	38.0	5	51.2	6	89.7	5	86.7	1	-	7	42.2	7	42.2	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	9	24.9	6	22.8	3	30.7	2	29.9	2	34.7	-	-	3	18.1	3	18.1	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6	16.6	4	15.2	2	20.5	4	59.8	3	52.0	1	-	4	24.1	4	24.1	-	-
SUICIDE (E950-E959)	2	5.5	2	7.6	-	-	1	14.9	1	17.3	-	-	2	12.1	2	12.1	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	2.8	1	3.8	-	-	-	-	-	-	-	-	2	12.1	2	12.1	-	-
ALL OTHER CAUSES	37	102.5	25	95.0	12	122.8	5	74.7	3	52.0	2	-	21	126.6	21	126.6	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	UNION						VAN BUREN						WARREN					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 12,952		WHITE 12,952		OTHER RACES 0		ALL RACES 5,244		WHITE 5,244		OTHER RACES 0		ALL RACES 35,443		WHITE 34,107		OTHER RACES 1,336	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	172	13.3	171	13.2	1	-	49	9.3	49	9.3	-	-	422	11.9	403	11.8	19	14.2
ILLEGITIMATE BIRTHS	23	13.4	23	13.5	-	-	4	8.2	4	8.2	-	-	74	17.5	62	15.4	12	63.2
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	21	12.2	21	12.3	-	-	6	12.2	6	12.2	-	-	38	9.0	33	8.2	5	26.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	11.6	2	11.7	-	-	-	-	-	-	-	-	7	16.6	6	14.9	1	52.6
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	-	-	-	-	-	-	3	7.1	2	5.0	1	52.6
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	3	7.1	2	5.0	1	52.6
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	2	11.6	2	11.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	18	104.7	18	105.3	-	-	3	61.2	2	40.8	1	-	59	139.8	51	126.2	8	444.4
TOTAL DEATHS	117	9.0	116	9.0	1	-	27	5.1	27	5.1	-	-	356	10.0	342	10.0	14	10.5
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	2	5.6	2	5.9	-	-
MALIGNANT NEOPLASMS (140-208)	32	247.1	31	239.3	1	-	8	152.6	8	152.6	-	-	78	220.1	76	222.8	2	-
DIABETES MELLITUS (250)	4	30.9	4	30.9	-	-	-	-	-	-	-	-	5	14.1	5	14.7	-	-
DISEASES OF HEART (390-398,402,404-429)	27	208.5	27	208.5	-	-	11	209.8	11	209.8	-	-	145	409.1	139	407.5	6	-
CEREBROVASCULAR DISEASE (430-438)	11	84.9	11	84.9	-	-	5	95.3	5	95.3	-	-	26	73.4		70.4	2	-
ATHEROSCLEROSIS (440)	1	7.7	1	7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	5	38.6	5	38.6	-	-	1	19.1	1	19.1	-	-	13	36.7	11	32.3	2	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	11	84.9	11	84.9	-	-	-	-	-	-	-	-	15	42.3	15	44.0	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	-	-	-	-	-	-	1	2.8	1	2.9	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	7.7	1	7.7	-	-	-	-	-	-	-	-	1	2.8	1	2.9	-	-
CONGENITAL ANOMALIES (740-759)	1	7.7	1	7.7	-	-	-	-	-	-	-	-	2	5.6	2	5.9	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	-	-	-	-	-	-	2	5.6	1	2.9	1	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1	7.7	1	7.7	-	-	-	-	-	-	-	-	7	19.8	7	20.5	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	10	77.2	10	77.2	-	-	-	-	-	-	-	-	22	62.1	21	61.6	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	8	61.8	8	61.8	-	-	-	-	-	-	-	-	14	39.5	13	38.1	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2	15.4	2	15.4	-	-	-	-	-	-	-	-	8	22.6	8	23.5	-	-
SUICIDE (E950-E959)	1	7.7	1	7.7	-	-	-	-	-	-	-	-	5	14.1	5	14.7	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	15.4	2	15.4	-	-	-	-	-	-	-	-	1	2.8	1	2.9	-	-
ALL OTHER CAUSES	10	77.2	10	77.2	-	-	2	38.1	2	38.1	-	-	31	87.5	31	90.9	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	WASHINGTON						WAYNE						HEAKLEY					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 94,181		WHITE 90,345		OTHER RACES 3,836		ALL RACES 14,577		WHITE 14,406		OTHER RACES 171		ALL RACES 33,926		WHITE 31,595		OTHER RACES 2,331	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	1109	11.8	1036	11.5	73	19.0	165	11.3	163	11.3	2	11.7	387	11.4	358	11.3	29	12.4
ILLEGITIMATE BIRTHS	232	20.9	194	18.7	38	52.1	25	15.2	24	14.7	1	-	59	15.2	42	11.7	17	58.6
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	73	6.6	65	6.3	8	11.0	8	4.8	8	4.9	-	-	32	8.3	28	7.8	4	13.8
INFANT DEATHS (UNDER ONE YEAR OF AGE)	9	8.1	9	8.7	-	-	2	12.1	2	12.3	-	-	5	12.9	4	11.2	1	34.5
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	5	4.5	5	4.8	-	-	1	6.1	1	6.1	-	-	5	12.9	4	11.2	1	34.5
UNDER 7 DAYS OF AGE	4	3.6	4	3.9	-	-	1	6.1	1	6.1	-	-	1	2.6	1	2.8	-	-
7-27 DAYS OF AGE	1	0.9	1	1.0	-	-	-	-	-	-	-	-	4	10.3	3	8.4	1	34.5
FETAL DEATHS	4	3.6	4	3.9	-	-	1	6.1	1	6.1	-	-	1	2.6	1	2.8	-	-
INDUCED ABORTIONS	295	266.0	282	270.4	13	197.0	12	72.7	12	73.2	-	-	90	232.6	77	213.9	13	481.5
TOTAL DEATHS	868	9.2	841	9.3	27	7.0	125	8.6	124	8.6	1	5.8	359	10.6	332	10.5	27	11.6
CAUSE OF DEATH																		
SEPTICEMIA (038)	3	3.2	1	1.1	2	-	1	6.9	1	6.9	-	-	3	8.8	3	9.5	-	-
MALIGNANT NEOPLASMS (140-208)	207	219.8	202	223.6	5	-	33	226.4	33	229.1	-	-	69	203.4	63	199.4	6	-
DIABETES MELLITUS (250)	18	19.1	18	19.9	-	-	1	6.9	1	6.9	-	-	4	11.8	3	9.5	1	-
DISEASES OF HEART (390-398,402,404-429)	290	307.9	280	309.9	10	-	36	247.0	35	243.0	1	-	135	397.9	127	402.0	8	-
CEREBROVASCULAR DISEASE (430-438)	47	49.9	46	50.9	1	-	12	82.3	12	83.3	-	-	21	61.9	16	50.6	5	-
ATHEROSCLEROSIS (440)	5	5.3	5	5.5	-	-	4	27.4	4	27.8	-	-	14	41.3	14	44.3	-	-
PNEUMONIA AND INFLUENZA (480-487)	44	46.7	44	48.7	-	-	3	20.6	3	20.8	-	-	12	35.4	12	38.0	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	40	42.5	40	44.3	-	-	9	61.7	9	62.5	-	-	21	61.9	20	63.3	1	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4	4.2	4	4.4	-	-	1	6.9	1	6.9	-	-	4	11.8	4	12.7	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	7	7.4	7	7.7	-	-	2	13.7	2	13.9	-	-	5	14.7	4	12.7	1	-
CONGENITAL ANOMALIES (740-759)	4	4.2	4	4.4	-	-	2	13.7	2	13.9	-	-	3	8.8	3	9.5	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	4	4.2	4	4.4	-	-	-	-	-	-	-	-	4	11.8	3	9.5	1	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	26	27.6	23	25.5	3	-	2	13.7	2	13.9	-	-	7	20.6	7	22.2	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	36	38.2	35	38.7	1	-	13	89.2	13	90.2	-	-	18	53.1	18	57.0	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	18	19.1	18	19.9	-	-	10	68.6	10	69.4	-	-	8	23.6	8	25.3	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	18	19.1	17	18.8	1	-	3	20.6	3	20.8	-	-	10	29.5	10	31.7	-	-
SUICIDE (E950-E959)	8	8.5	7	7.7	1	-	-	-	-	-	-	-	4	11.8	4	12.7	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	2.1	2	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	125	130.6	119	131.7	4	-	6	41.2	6	41.6	-	-	35	103.2	31	98.1	4	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1988

	WHITE						WILLIAMSON						WILSON					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 20,586		WHITE 20,068		OTHER RACES 518		ALL RACES 71,207		WHITE 65,306		OTHER RACES 5,901		ALL RACES 66,191		WHITE 60,340		OTHER RACES 5,851	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	269	13.1	262	13.1	7	13.5	1055	14.8	955	14.6	100	16.9	967	14.6	883	14.6	84	14.4
ILLEGITIMATE BIRTHS	42	15.6	37	14.1	5	-	154	14.6	85	8.9	69	69.0	167	17.3	113	12.8	54	64.3
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	24	8.9	24	9.2	-	-	49	4.6	40	4.2	9	9.0	55	5.7	46	5.2	9	10.7
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3	11.2	3	11.5	-	-	8	7.6	8	8.4	-	-	6	6.2	6	6.8	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	3.7	1	3.8	-	-	5	4.7	5	5.2	-	-	3	3.1	3	3.4	-	-
UNDER 7 DAYS OF AGE	1	3.7	1	3.8	-	-	5	4.7	5	5.2	-	-	1	1.0	1	1.1	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	2	2.1	2	2.3	-	-
FETAL DEATHS	2	7.4	2	7.6	-	-	4	3.8	4	4.2	-	-	6	6.2	6	6.8	-	-
INDUCED ABORTIONS	23	85.5	23	87.5	-	-	208	197.2	190	196.9	18	200.0	163	168.6	138	155.6	25	312.5
TOTAL DEATHS	218	10.6	212	10.6	6	11.6	454	6.4	407	6.2	47	8.0	502	7.6	453	7.5	49	8.4
CAUSE OF DEATH																		
SEPTICEMIA (038)	4	19.4	4	19.9	-	-	1	1.4	1	1.5	-	-	3	4.5	3	5.0	-	-
MALIGNANT NEOPLASMS (140-208)	45	218.6	42	209.3	3	-	110	154.5	99	151.6	11	186.4	131	197.9	118	195.6	13	222.2
DIABETES MELLITUS (250)	2	9.7	2	10.0	-	-	4	5.6	3	4.6	1	16.9	11	16.6	6	9.9	5	85.5
DISEASES OF HEART (390-398,402,404-429)	78	378.9	77	383.7	1	-	146	205.0	130	199.1	16	271.1	153	231.1	139	230.4	14	239.3
CEREBROVASCULAR DISEASE (430-438)	30	145.7	29	144.5	1	-	34	47.7	30	45.9	4	67.8	57	86.1	52	86.2	5	85.5
ATHEROSCLEROSIS (440)	2	9.7	2	10.0	-	-	3	4.2	2	3.1	1	16.9	3	4.5	2	3.3	1	17.1
PNEUMONIA AND INFLUENZA (480-487)	6	29.1	6	29.9	-	-	19	26.7	17	26.0	2	33.9	16	24.2	16	26.5	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	10	48.6	9	44.8	1	-	21	29.5	21	32.2	-	-	17	25.7	16	26.5	1	17.1
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2	9.7	2	10.0	-	-	4	5.6	4	6.1	-	-	3	4.5	3	5.0	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	4.9	1	5.0	-	-	5	7.0	3	4.6	2	33.9	5	7.6	5	8.3	-	-
CONGENITAL ANOMALIES (740-759)	1	4.9	1	5.0	-	-	2	2.8	1	1.5	1	16.9	2	3.0	2	3.3	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	3	4.2	3	4.6	-	-	1	1.5	1	1.7	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	4	19.4	4	19.9	-	-	-	-	-	-	-	-	6	9.1	5	8.3	1	17.1
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	12	58.3	12	59.8	-	-	27	37.9	26	39.8	1	16.9	29	43.8	27	44.7	2	34.2
MOTOR VEHICLE ACCIDENTS (E810-E825)	6	29.1	6	29.9	-	-	15	21.1	15	23.0	-	-	17	25.7	16	26.5	1	17.1
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6	29.1	6	29.9	-	-	12	16.9	11	16.8	1	16.9	12	18.1	11	18.2	1	17.1
SUICIDE (E950-E959)	5	24.3	5	24.9	-	-	9	12.6	9	13.8	-	-	10	15.1	10	16.6	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	9.7	2	10.0	-	-	5	7.0	3	4.6	2	33.9	3	4.5	3	5.0	-	-
ALL OTHER CAUSES	14	68.0	14	69.8	-	-	61	85.7	55	84.2	6	101.7	52	78.6	45	74.6	7	119.6

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1988

	ATHENS						BARTLETT						BRISTOL					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 12,983		WHITE 11,676		OTHER RACES 1,307		ALL RACES 18,963		WHITE 18,490		OTHER RACES 473		ALL RACES 24,894		WHITE 24,050		OTHER RACES 844	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	168	12.9	145	12.4	23	17.6	273	14.4	256	13.8	17	35.9	262	10.5	256	10.6	6	7.1
ILLEGITIMATE BIRTHS	45	26.8	32	22.1	13	56.5	12	4.4	10	3.9	2	11.8	41	15.6	37	14.5	4	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	11	6.5	9	6.2	2	8.7	21	7.7	20	7.8	1	5.9	17	6.5	17	6.6	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	6.0	1	6.9	-	-	1	3.7	1	3.9	-	-	3	11.5	3	11.7	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	1	3.7	1	3.9	-	-	1	3.8	1	3.9	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	1	3.7	1	3.9	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	1	3.8	1	3.9	-	-
FETAL DEATHS	-	-	-	-	-	-	2	7.3	2	7.8	-	-	1	3.8	1	3.9	-	-
INDUCED ABORTIONS	31	184.5	25	168.9	6	300.0	52	190.5	47	183.6	5	294.1	77	293.9	74	289.1	3	-
TOTAL DEATHS	141	10.9	131	11.2	10	7.7	82	4.3	78	4.2	4	8.5	288	11.6	282	11.7	6	7.1
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	1	4.0	1	4.2	-	-
MALIGNANT NEOPLASMS (140-208)	32	246.5	29	248.4	3	-	23	121.3	22	119.0	1	-	59	237.0	58	241.2	1	-
DIABETES MELLITUS (250)	2	15.4	1	8.6	1	-	1	5.3	1	5.4	-	-	9	36.2	7	29.1	2	-
DISEASES OF HEART (390-398,402,404-429)	50	385.1	45	385.4	5	-	29	152.9	28	151.4	1	-	110	441.9	107	444.9	3	-
CEREBROVASCULAR DISEASE (430-438)	8	61.6	8	68.5	-	-	6	31.6	6	32.4	-	-	24	96.4	24	99.8	-	-
ATHEROSCLEROSIS (440)	1	7.7	1	8.6	-	-	1	5.3	-	-	1	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	3	23.1	3	25.7	-	-	2	10.5	2	10.8	-	-	16	64.3	16	66.5	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	7	53.9	7	60.0	-	-	1	5.3	1	5.4	-	-	13	52.2	13	54.1	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	7.7	1	8.6	-	-	2	10.5	2	10.8	-	-	2	8.0	2	8.3	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	15.4	2	17.1	-	-	-	-	-	-	-	-	2	8.0	2	8.3	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	2	10.5	1	5.4	1	-	2	8.0	2	8.3	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	1	5.3	1	5.4	-	-	1	4.0	1	4.2	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	15.4	2	17.1	-	-	1	5.3	1	5.4	-	-	-	-	-	-	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	11	84.7	11	94.2	-	-	1	5.3	1	5.4	-	-	11	44.2	11	45.7	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	8	61.6	8	68.5	-	-	1	5.3	1	5.4	-	-	6	24.1	6	24.9	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3	23.1	3	25.7	-	-	-	-	-	-	-	-	5	20.1	5	20.8	-	-
SUICIDE (E950-E959)	-	-	-	-	-	-	3	15.8	3	16.2	-	-	2	8.0	2	8.3	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3	23.1	3	25.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	19	146.3	18	154.2	1	-	9	47.5	9	48.7	-	-	36	144.6	36	149.7	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1988

	CHATTANOOGA						CLARKSVILLE						CLEVELAND					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 183,405		WHITE 120,177		OTHER RACES 63,228		ALL RACES 64,117		WHITE 47,823		OTHER RACES 16,294		ALL RACES 31,346		WHITE 28,969		OTHER RACES 2,377	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	2653	14.5	1467	12.2	1186	18.8	1430	22.3	1009	21.1	421	25.8	422	13.5	386	13.3	36	15.1
ILLEGITIMATE BIRTHS	1125	42.4	287	19.6	838	70.7	283	19.8	125	12.4	158	37.5	88	20.9	70	18.1	18	50.0
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	226	8.5	94	6.4	132	11.1	90	6.3	55	5.5	35	8.3	30	7.1	28	7.3	2	5.6
INFANT DEATHS (UNDER ONE YEAR OF AGE)	31	11.7	12	8.2	19	16.0	18	12.6	10	9.9	8	19.0	3	7.1	3	7.8	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	18	6.8	6	4.1	12	10.1	11	7.7	6	5.9	5	11.9	2	4.7	2	5.2	-	-
UNDER 7 DAYS OF AGE	16	6.0	6	4.1	10	8.4	11	7.7	6	5.9	5	11.9	2	4.7	2	5.2	-	-
7-27 DAYS OF AGE	2	0.8	-	-	2	1.7	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	23	8.7	12	8.2	11	9.3	13	9.1	7	6.9	6	14.3	4	9.5	2	5.2	2	55.6
INDUCED ABORTIONS	996	375.4	619	413.5	367	317.5	96	67.1	57	54.4	39	102.4	54	128.0	49	125.0	5	166.7
TOTAL DEATHS	1864	10.2	1296	10.8	568	9.0	413	6.4	309	6.5	104	6.4	380	12.1	362	12.5	18	7.6
CAUSE OF DEATH																		
SEPTICEMIA (038)	12	6.5	9	7.5	3	4.7	2	3.1	2	4.2	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	429	233.9	299	248.8	130	205.6	89	138.8	71	148.5	18	110.5	76	242.5	74	255.4	2	-
DIABETES MELLITUS (250)	30	16.4	20	16.6	10	15.8	7	10.9	6	12.5	1	6.1	10	31.9	9	31.1	1	-
DISEASES OF HEART (390-398,402,404-429)	715	389.8	503	418.5	212	335.3	132	205.9	96	200.7	36	220.9	131	417.9	124	428.0	7	-
CEREBROVASCULAR DISEASE (430-438)	151	82.3	105	87.4	46	72.8	24	37.4	13	27.2	11	67.5	36	114.8	33	113.9	3	-
ATHEROSCLEROSIS (440)	16	8.7	13	10.8	3	4.7	-	-	-	-	-	-	2	6.4	2	6.9	-	-
PNEUMONIA AND INFLUENZA (480-487)	64	34.9	48	39.9	16	25.3	9	14.0	8	16.7	1	6.1	12	38.3	11	38.0	1	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	64	34.9	53	44.1	11	17.4	17	26.5	17	35.5	-	-	15	47.9	14	48.3	1	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	17	9.3	13	10.8	4	6.3	2	3.1	2	4.2	-	-	3	9.6	3	10.4	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	20	10.9	10	8.3	10	15.8	5	7.8	4	8.4	1	6.1	4	12.8	4	13.8	-	-
CONGENITAL ANOMALIES (740-759)	9	4.9	3	2.5	6	9.5	1	1.6	1	2.1	-	-	1	3.2	1	3.5	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	12	6.5	4	3.3	8	12.7	11	17.2	6	12.5	5	30.7	1	3.2	1	3.5	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	9	4.9	4	3.3	5	7.9	13	20.3	9	18.8	4	24.5	8	25.5	8	27.6	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	81	44.2	62	51.6	19	30.0	36	56.1	30	62.7	6	36.8	22	70.2	21	72.5	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	25	13.6	23	19.1	2	3.2	18	28.1	14	29.3	4	24.5	12	38.3	12	41.4	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	56	30.5	39	32.5	17	26.9	18	28.1	16	33.5	2	12.3	10	31.9	9	31.1	1	-
SUICIDE (E950-E959)	15	8.2	11	9.2	4	6.3	8	12.5	8	16.7	-	-	10	31.9	10	34.5	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	24	13.1	5	4.2	19	30.0	4	6.2	1	2.1	3	18.4	4	12.8	4	13.8	-	-
ALL OTHER CAUSES	196	106.9	134	111.5	62	98.1	53	82.7	35	73.2	18	110.5	45	143.6	43	148.4	2	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1988

	COLUMBIA						COOKEVILLE						DYERSBURG					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 29,118		WHITE 23,165		OTHER RACES 5,953		ALL RACES 23,489		WHITE 22,350		OTHER RACES 1,139		ALL RACES 16,864		WHITE 13,568		OTHER RACES 3,296	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	456	15.7	340	14.7	116	19.5	261	11.1	250	11.2	11	9.7	232	13.8	174	12.8	58	17.6
ILLEGITIMATE BIRTHS	142	31.1	71	20.9	71	61.2	39	14.9	39	15.6	-	-	75	32.3	33	19.0	42	72.4
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	38	8.3	25	7.4	13	11.2	12	4.6	12	4.8	-	-	14	6.0	8	4.6	6	10.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	2.2	-	-	1	8.6	2	7.7	2	8.0	-	-	4	17.2	2	11.5	2	34.5
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	2.2	-	-	1	8.6	1	3.8	1	4.0	-	-	3	12.9	2	11.5	1	17.2
UNDER 7 DAYS OF AGE	1	2.2	-	-	1	8.6	1	3.8	1	4.0	-	-	3	12.9	2	11.5	1	17.2
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	3	6.6	1	2.9	2	17.2	1	3.8	-	-	1	90.9	3	12.9	2	11.5	1	17.2
INDUCED ABORTIONS	23	50.4	17	49.7	6	52.6	61	233.7	58	232.0	3	272.7	63	271.6	45	254.2	18	327.3
TOTAL DEATHS	363	12.5	292	12.6	71	11.9	184	7.8	177	7.9	7	6.1	220	13.0	186	13.7	34	10.3
CAUSE OF DEATH																		
SEPTICEMIA (038)	3	10.3	3	13.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	85	291.9	71	306.5	14	235.2	46	195.8	44	196.9	2	-	51	302.4	38	280.1	13	-
DIABETES MELLITUS (250)	6	20.6	5	21.6	1	16.8	2	8.5	2	8.9	-	-	1	5.9	1	7.4	-	-
DISEASES OF HEART (390-398,402,404-429)	130	446.5	109	470.5	21	352.8	47	200.1	46	205.8	1	-	67	397.3	64	471.7	3	-
CEREBROVASCULAR DISEASE (430-438)	35	120.2	24	103.6	11	184.8	22	93.7	18	80.5	4	-	16	94.9	15	110.6	1	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	6	25.5	6	26.8	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	13	44.6	12	51.8	1	16.8	8	34.1	8	35.8	-	-	7	41.5	5	36.9	2	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	12	41.2	9	38.9	3	50.4	8	34.1	8	35.8	-	-	8	47.4	8	59.0	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3	10.3	2	8.6	1	16.8	-	-	-	-	-	-	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	6.9	1	4.3	1	16.8	-	-	-	-	-	-	4	23.7	3	22.1	1	-
CONGENITAL ANOMALIES (740-759)	3	10.3	3	13.0	-	-	1	4.3	1	4.5	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	3.4	-	-	1	16.8	-	-	-	-	-	-	3	17.8	2	14.7	1	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	6	20.6	4	17.3	2	33.6	11	46.8	11	49.2	-	-	17	100.8	10	73.7	7	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	14	48.1	12	51.8	2	33.6	4	17.0	4	17.9	-	-	5	29.6	5	36.9	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	9	30.9	8	34.5	1	16.8	1	4.3	1	4.5	-	-	2	11.9	2	14.7	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5	17.2	4	17.3	1	16.8	3	12.8	3	13.4	-	-	3	17.8	3	22.1	-	-
SUICIDE (E950-E959)	4	13.7	3	13.0	1	16.8	2	8.5	2	8.9	-	-	2	11.9	2	14.7	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	3.4	1	4.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	45	154.5	33	142.5	12	201.6	27	114.9	27	120.8	-	-	39	231.3	33	243.2	6	-

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TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1988

	EAST RIDGE						ELIZABETHTON						FRANKLIN					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 22,262		WHITE 22,060		OTHER RACES 202		ALL RACES 13,123		WHITE 12,713		OTHER RACES 410		ALL RACES 15,902		WHITE 12,022		OTHER RACES 3,880	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	165	7.4	156	7.1	9	44.6	174	13.3	171	13.5	3	7.3	390	24.5	321	26.7	69	17.8
ILLEGITIMATE BIRTHS	19	11.5	16	10.3	3	-	46	26.4	45	26.3	1	-	81	20.8	31	9.7	50	72.5
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	11	6.7	7	4.5	4	-	14	8.0	13	7.6	1	-	24	6.2	15	4.7	9	13.0
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	6.1	1	6.4	-	-	3	17.2	3	17.5	-	-	2	5.1	2	6.2	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	3	17.2	3	17.5	-	-	2	5.1	2	6.2	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	3	17.2	3	17.5	-	-	2	5.1	2	6.2	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	1	6.1	1	6.4	-	-	2	11.5	1	5.8	1	-	-	-	-	-	-	-
INDUCED ABORTIONS	12	72.7	11	70.5	1	-	15	86.2	15	87.7	-	-	32	82.1	30	92.6	2	30.3
TOTAL DEATHS	236	10.6	236	10.7	-	-	193	14.7	189	14.9	4	9.8	189	11.9	153	12.7	36	9.3
CAUSE OF DEAYH																		
SEPTICEMIA (038)	-	-	-	-	-	-	2	15.2	2	15.7	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	61	274.0	61	276.5	-	-	47	358.1	46	361.8	1	-	51	320.7	45	374.3	6	-
DIABETES MELLITUS (250)	3	13.5	3	13.6	-	-	3	22.9	2	15.7	1	-	2	12.6	1	8.3	1	-
DISEASES OF HEART (390-398,402,404-429)	87	390.8	87	394.4	-	-	58	442.0	58	456.2	-	-	61	383.6	48	399.3	13	-
CEREBROVASCULAR DISEASE (430-438)	17	76.4	17	77.1	-	-	20	152.4	18	141.6	2	-	19	119.5	15	124.8	4	-
ATHEROSCLEROSIS (440)	2	9.0	2	9.1	-	-	1	7.6	1	7.9	-	-	2	12.6	1	8.3	1	-
PNEUMONIA AND INFLUENZA (480-487)	9	40.4	9	40.8	-	-	6	45.7	6	47.2	-	-	6	37.7	5	41.6	1	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	18	80.9	18	81.6	-	-	6	45.7	6	47.2	-	-	5	31.4	5	41.6	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	1	7.6	1	7.9	-	-	2	12.6	2	16.6	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	9.0	2	9.1	-	-	1	7.6	1	7.9	-	-	2	12.6	2	16.6	-	-
CONGENITAL ANOMALIES (740-759)	1	4.5	1	4.5	-	-	1	7.6	1	7.9	-	-	2	12.6	1	8.3	1	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	1	7.6	1	7.9	-	-	1	6.3	1	8.3	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	1	7.6	1	7.9	-	-	-	-	-	-	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	5	22.5	5	22.7	-	-	15	114.3	15	118.0	-	-	5	31.4	4	33.3	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	3	13.5	3	13.6	-	-	4	30.5	4	31.5	-	-	3	18.9	3	25.0	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2	9.0	2	9.1	-	-	11	83.8	11	86.5	-	-	2	12.6	1	8.3	1	-
SUICIDE (E950-E959)	5	22.5	5	22.7	-	-	4	30.5	4	31.5	-	-	4	25.2	4	33.3	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	9.0	2	9.1	-	-	-	-	-	-	-	-	2	12.6	-	-	2	-
ALL OTHER CAUSES	24	107.8	24	108.8	-	-	26	198.1	26	204.5	-	-	25	157.2	19	158.0	6	-

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1988

	GALLATIN						GERMANTOWN						GREENEVILLE					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 20,411		WHITE 16,541		OTHER RACES 3,870		ALL RACES 23,248		WHITE 22,647		OTHER RACES 601		ALL RACES 15,015		WHITE 13,761		OTHER RACES 1,254	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	340	16.7	265	16.0	75	19.4	324	13.9	310	13.7	14	23.3	174	11.6	157	11.4	17	13.6
ILLEGITIMATE BIRTHS	94	27.6	41	15.5	53	70.7	20	6.2	17	5.5	3	21.4	51	29.3	37	23.6	14	82.4
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	19	5.6	11	4.2	8	10.7	11	3.4	10	3.2	1	7.1	19	10.9	14	8.9	5	29.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3	8.8	2	7.5	1	13.3	1	3.1	1	3.2	-	-	1	5.7	1	6.4	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	5.9	1	3.8	1	13.3	1	3.1	1	3.2	-	-	1	5.7	1	6.4	-	-
UNDER 7 DAYS OF AGE	1	2.9	-	-	1	13.3	-	-	-	-	-	-	1	5.7	1	6.4	-	-
7-27 DAYS OF AGE	1	2.9	1	3.8	-	-	1	3.1	1	3.2	-	-	-	-	-	-	-	-
FETAL DEATHS	2	5.9	1	3.8	1	13.3	1	3.1	1	3.2	-	-	1	5.7	1	6.4	-	-
INDUCED ABORTIONS	14	41.2	12	45.1	2	27.0	63	194.4	56	179.5	7	583.3	56	321.8	54	335.4	2	153.8
TOTAL DEATHS	205	10.0	179	10.8	26	6.7	106	4.6	104	4.6	2	3.3	212	14.1	200	14.5	12	9.6
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	52	254.8	47	284.1	5	-	27	116.1	27	119.2	-	-	42	279.7	42	305.2	-	-
DIABETES MELLITUS (250)	1	4.9	1	6.0	-	-	3	12.9	3	13.2	-	-	7	46.6	5	36.3	2	-
DISEASES OF HEART (390-398,402,404-429)	88	431.1	75	453.4	13	-	29	124.7	28	123.6	1	-	91	606.1	87	632.2	4	-
CEREBROVASCULAR DISEASE (430-438)	11	53.9	10	60.5	1	-	11	47.3	11	48.6	-	-	12	79.9	11	79.9	1	-
ATHEROSCLEROSIS (440)	1	4.9	-	-	1	-	1	4.3	1	4.4	-	-	5	33.3	5	36.3	-	-
PNEUMONIA AND INFLUENZA (480-487)	3	14.7	3	18.1	-	-	3	12.9	3	13.2	-	-	14	93.2	13	94.5	1	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	8	39.2	8	48.4	-	-	3	12.9	3	13.2	-	-	6	40.0	5	36.3	1	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	4.9	1	6.0	-	-	4	17.2	3	13.2	1	-	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	9.8	2	12.1	-	-	3	12.9	3	13.2	-	-	4	26.6	4	29.1	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	1	4.3	1	4.4	-	-	2	13.3	2	14.5	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2	9.8	1	6.0	1	-	1	4.3	1	4.4	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	9	44.1	8	48.4	1	-	8	34.4	8	35.3	-	-	8	53.3	8	58.1	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	5	24.5	4	24.2	1	-	4	17.2	4	17.7	-	-	4	26.6	4	29.1	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4	19.6	4	24.2	-	-	4	17.2	4	17.7	-	-	4	26.6	4	29.1	-	-
SUICIDE (E950-E959)	7	34.3	6	36.3	1	-	2	8.6	2	8.8	-	-	4	26.6	3	21.8	1	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	9.8	2	12.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	18	88.2	15	90.7	3	-	10	43.0	10	44.2	-	-	17	113.2	15	109.0	2	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1988

	HENDERSONVILLE						HUMBOLDT						JACKSON					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 32,325		WHITE 31,611		OTHER RACES 714		ALL RACES 10,541		WHITE 6,393		OTHER RACES 4,148		ALL RACES 53,402		WHITE 34,158		OTHER RACES 19,244	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	416	12.9	402	12.7	14	19.6	142	13.5	63	9.9	79	19.0	815	15.3	370	10.8	445	23.1
ILLEGITIMATE BIRTHS	68	16.3	62	15.4	6	42.9	64	45.1	12	19.0	52	65.8	353	43.3	47	12.7	306	68.8
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	26	6.2	23	5.7	3	21.4	8	5.6	1	1.6	7	8.9	76	9.3	18	4.9	58	13.0
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4	9.6	4	10.0	-	-	1	7.0	-	-	1	12.7	10	12.3	4	10.8	6	13.5
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	3	7.2	3	7.5	-	-	-	-	-	-	-	-	9	11.0	3	8.1	6	13.5
UNDER 7 DAYS OF AGE	2	4.8	2	5.0	-	-	-	-	-	-	-	-	7	8.6	1	2.7	6	13.5
7-27 DAYS OF AGE	1	2.4	1	2.5	-	-	-	-	-	-	-	-	2	2.5	2	5.4	-	-
FETAL DEATHS	2	4.8	2	5.0	-	-	6	42.3	2	31.7	4	50.6	9	11.0	3	8.1	6	13.5
INDUCED ABORTIONS	30	72.1	29	71.4	1	100.0	36	253.5	28	444.4	8	101.3	223	273.6	126	335.1	97	221.0
TOTAL DEATHS	218	6.7	216	6.8	2	2.8	132	12.5	92	14.4	40	9.6	609	11.4	423	12.4	186	9.7
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	3.1	1	3.2	-	-	-	-	-	-	-	-	5	9.4	3	8.8	2	10.4
MALIGNANT NEOPLASMS (140-208)	49	151.6	48	151.8	1	-	26	246.7	18	281.6	8	-	120	224.7	86	251.8	34	176.7
DIABETES MELLITUS (250)	3	9.3	3	9.5	-	-	3	28.5	2	31.3	1	-	15	28.1	8	23.4	7	36.4
DISEASES OF HEART (390-398,402,404-429)	73	225.8	73	230.9	-	-	44	417.4	30	469.3	14	-	178	333.3	132	386.4	46	239.0
CEREBROVASCULAR DISEASE (430-438)	13	40.2	13	41.1	-	-	19	180.2	13	203.3	6	-	70	131.1	51	149.3	19	98.7
ATHEROSCLEROSIS (440)	1	3.1	1	3.2	-	-	-	-	-	-	-	-	5	9.4	3	8.8	2	10.4
PNEUMONIA AND INFLUENZA (480-487)	3	9.3	3	9.5	-	-	5	47.4	5	78.2	-	-	26	48.7	19	55.6	7	36.4
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	13	40.2	13	41.1	-	-	3	28.5	3	46.9	-	-	21	39.3	15	43.9	6	31.2
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	3.1	1	3.2	-	-	-	-	-	-	-	-	2	3.7	1	2.9	1	5.2
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	9.3	3	9.5	-	-	2	19.0	-	-	2	-	10	18.7	2	5.9	8	41.6
CONGENITAL ANOMALIES (740-759)	1	3.1	1	3.2	-	-	1	9.5	-	-	1	-	3	5.6	2	5.9	1	5.2
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2	6.2	2	6.3	-	-	-	-	-	-	-	-	9	16.9	3	8.8	6	31.2
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	4	12.4	4	12.7	-	-	1	9.5	-	-	1	-	17	31.8	11	32.2	6	31.2
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	20	61.9	20	63.3	-	-	4	37.9	3	46.9	1	-	27	50.6	21	61.5	6	31.2
MOTOR VEHICLE ACCIDENTS (E810-E825)	8	24.7	8	25.3	-	-	1	9.5	-	-	1	-	15	28.1	11	32.2	4	20.8
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	12	37.1	12	38.0	-	-	3	28.5	3	46.9	-	-	12	22.5	10	29.3	2	10.4
SUICIDE (E950-E959)	1	3.1	1	3.2	-	-	2	19.0	2	31.3	-	-	7	13.1	6	17.6	1	5.2
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	6.2	1	3.2	1	-	1	9.5	1	15.6	-	-	8	15.0	1	2.9	7	36.4
ALL OTHER CAUSES	28	86.6	28	88.	-	-	21	199.2	15	234.6	6	-	86	161.0	59	172.7	27	140.3

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1988

	JOHNSON CITY						KINGSPORT						KNOXVILLE					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 49,201		WHITE 45,572		OTHER RACES 3,629		ALL RACES 34,691		WHITE 32,456		OTHER RACES 2,235		ALL RACES 185,779		WHITE 154,131		OTHER RACES 31,648	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	560	11.4	496	10.9	64	17.6	429	12.4	401	12.4	28	12.5	2376	12.8	1830	11.9	546	17.3
ILLEGITIMATE BIRTHS	147	26.2	113	22.8	34	53.1	109	25.4	93	23.2	16	57.1	748	31.5	385	21.0	363	66.5
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	35	6.2	27	5.4	8	12.5	29	6.8	23	5.7	6	21.4	210	8.8	148	8.1	62	11.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	3.6	2	4.0	-	-	3	7.0	3	7.5	-	-	34	14.3	23	12.6	11	20.1
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	3	7.0	3	7.5	-	-	19	8.0	11	6.0	8	14.7
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	2	4.7	2	5.0	-	-	15	6.3	10	5.5	5	9.2
7-27 DAYS OF AGE	-	-	-	-	-	-	1	2.3	1	2.5	-	-	4	1.7	1	0.5	3	5.5
FETAL DEATHS	3	5.4	3	6.0	-	-	-	-	-	-	-	-	12	5.1	8	4.4	4	7.3
INDUCED ABORTIONS	190	339.3	178	353.2	12	214.3	196	456.9	191	472.8	5	200.0	1402	590.1	1159	620.4	242	476.4
TOTAL DEATHS	507	10.3	481	10.6	26	7.2	428	12.3	411	12.7	17	7.6	2163	11.6	1805	11.7	357	11.3
CAUSE OF DEATH																		
SEPTICEMIA (038)	3	6.1	1	2.2	2	-	1	2.9	1	3.1	-	-	14	7.5	11	7.1	3	9.5
MALIGNANT NEOPLASMS (140-208)	123	250.0	118	258.9	5	-	98	282.5	92	283.5	6	-	433	233.1	366	237.5	67	211.7
DIABETES MELLITUS (250)	13	26.4	13	28.5	-	-	14	40.4	13	40.1	1	-	34	18.3	24	15.6	10	31.6
DISEASES OF HEART (390-398,402,404-429)	164	333.3	155	340.1	9	-	154	443.9	148	456.0	6	-	596	320.8	518	336.1	78	246.5
CEREBROVASCULAR DISEASE (430-438)	25	50.8	24	52.7	1	-	34	98.0	33	101.7	1	-	169	91.0	138	89.5	31	98.0
ATHEROSCLEROSIS (440)	4	8.1	4	8.8	-	-	4	11.5	3	9.2	1	-	48	25.8	38	24.7	10	31.6
PNEUMONIA AND INFLUENZA (480-487)	27	54.9	27	59.2	-	-	12	34.6	12	37.0	-	-	81	43.6	75	48.7	6	19.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	25	50.8	25	54.9	-	-	19	54.8	18	55.5	1	-	80	43.1	75	48.7	5	15.8
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2	4.1	2	4.4	-	-	2	5.8	2	6.2	-	-	21	11.3	21	13.6	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	2.0	1	2.2	-	-	3	8.6	3	9.2	-	-	14	7.5	9	5.8	5	15.8
CONGENITAL ANOMALIES (740-759)	2	4.1	2	4.4	-	-	3	8.6	3	9.2	-	-	12	6.5	7	4.5	5	15.8
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	2	5.8	2	6.2	-	-	15	8.1	10	6.5	5	15.8
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	19	38.6	16	35.1	3	-	1	2.9	1	3.1	-	-	188	101.2	146	94.7	42	132.7
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	20	40.6	19	41.7	1	-	17	49.0	17	52.4	-	-	102	54.9	84	54.5	17	53.7
MOTOR VEHICLE ACCIDENTS (E810-E825)	9	18.3	9	19.7	-	-	11	31.7	11	33.9	-	-	35	18.8	32	20.8	3	9.5
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	11	22.4	10	21.9	1	-	6	17.3	6	18.5	-	-	67	36.1	52	33.7	14	44.2
SUICIDE (E950-E959)	4	8.1	3	6.6	1	-	7	20.2	7	21.6	-	-	23	12.4	19	12.3	4	12.6
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	2.0	1	2.2	-	-	3	8.6	3	9.2	-	-	21	11.3	8	5.2	13	41.1
ALL OTHER CAUSES	74	150.4	70	153.6	4	-	54	155.7	53	163.3	1	-	312	167.9	256	166.1	56	176.9

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1988

	LAWRENCEBURG						LEBANON						MCMINNVILLE					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 10,865		WHITE 10,419		OTHER RACES 446		ALL RACES 16,622		WHITE 13,805		OTHER RACES 2,817		ALL RACES 12,772		WHITE 12,148		OTHER RACES 624	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	159	14.6	144	13.8	15	33.6	236	14.2	189	13.7	47	16.7	153	12.0	145	11.9	8	12.8
ILLEGITIMATE BIRTHS	23	14.5	15	10.4	8	53.3	75	31.8	40	21.2	35	74.5	26	17.0	22	15.2	4	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	6	3.8	5	3.5	1	6.7	13	5.5	9	4.8	4	8.5	20	13.1	18	12.4	2	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	12.6	2	13.9	-	-	-	-	-	-	-	-	2	13.1	2	13.8	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	6.3	1	6.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	1	6.3	1	6.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	1	6.3	1	6.9	-	-	1	4.2	1	5.3	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	7	44.0	7	48.3	-	-	25	105.9	20	104.7	5	111.1	6	39.2	6	41.1	-	-
TOTAL DEATHS	144	13.3	139	13.3	5	11.2	188	11.3	164	11.9	24	8.5	156	12.2	145	11.9	11	17.6
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	9.2	1	9.6	-	-	1	6.0	1	7.2	-	-	1	7.8	1	8.2	-	-
MALIGNANT NEOPLASMS (140-208)	26	239.3	25	239.9	1	-	50	300.8	43	311.5	7	-	33	258.4	31	255.2	2	-
DIABETES MELLITUS (250)	1	9.2	1	9.6	-	-	6	36.1	3	21.7	3	-	2	15.7	2	16.5	-	-
DISEASES OF HEART (390-398,402,404-429)	59	543.0	57	547.1	2	-	57	342.9	52	376.7	5	-	69	540.2	65	535.1	4	-
CEREBROVASCULAR DISEASE (430-438)	13	119.7	13	124.8	-	-	28	168.5	25	181.1	3	-	14	109.6	12	98.8	2	-
ATHEROSCLEROSIS (440)	1	9.2	1	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	5	46.0	5	48.0	-	-	4	24.1	4	29.0	-	-	7	54.8	5	41.2	2	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	3	27.6	3	28.8	-	-	6	36.1	6	43.5	-	-	5	39.1	5	41.2	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	9.2	1	9.6	-	-	2	12.0	2	14.5	-	-	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	9.2	1	9.6	-	-	2	12.0	2	14.5	-	-	1	7.8	1	8.2	-	-
CONGENITAL ANOMALIES (740-759)	2	18.4	2	19.2	-	-	-	-	-	-	-	-	1	7.8	1	8.2	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3	27.6	3	28.8	-	-	1	6.0	1	7.2	-	-	5	39.1	5	41.2	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6	55.2	5	48.0	1	-	9	54.1	8	58.0	1	-	5	39.1	4	32.9	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	4	36.8	3	28.8	1	-	3	18.0	3	21.7	-	-	4	31.3	3	24.7	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2	18.4	2	19.2	-	-	6	36.1	5	36.2	1	-	1	7.8	1	8.2	-	-
SUICIDE (E950-E959)	1	9.2	1	9.6	-	-	2	12.0	2	14.5	-	-	-	-	-	-	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	-	-	-	-	-	-	1	7.8	1	8.2	-	-
ALL OTHER CAUSES	21	193.3	20	192.0	1	-	20	120.3	15	108.7	5	-	12	94.0	12	98.8	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1988

	MARYVILLE						MEMPHIS						MILLINGTON					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 19,112		WHITE 18,484		OTHER RACES 628		ALL RACES 705,491		WHITE 338,250		OTHER RACES 367,241		ALL RACES 21,059		WHITE 17,018		OTHER RACES 4,041	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	294	15.4	279	15.1	15	23.9	12334	17.5	3999	11.8	8334	22.7	385	18.3	290	17.0	95	23.5
ILLEGITIMATE BIRTHS	66	22.4	57	20.4	9	60.0	6475	52.5	526	13.2	5948	71.4	84	21.8	34	11.7	50	52.6
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	19	6.5	18	6.5	1	6.7	1393	11.3	275	6.9	1118	13.4	25	6.5	21	7.2	4	4.2
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4	13.6	4	14.3	-	-	217	17.6	36	9.0	181	21.7	1	2.6	-	-	1	10.5
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	6.8	2	7.2	-	-	131	10.6	22	5.5	109	13.1	1	2.6	-	-	1	10.5
UNDER 7 DAYS OF AGE	1	3.4	1	3.6	-	-	111	9.0	19	4.8	92	11.0	1	2.6	-	-	1	10.5
7-27 DAYS OF AGE	1	3.4	1	3.6	-	-	20	1.6	3	0.8	17	2.0	-	-	-	-	-	-
FETAL DEATHS	1	3.4	1	3.6	-	-	127	10.3	15	3.8	112	13.4	4	10.4	3	10.3	1	10.5
INDUCED ABORTIONS	105	357.1	94	335.7	11	785.7	5794	469.8	2045	504.8	3741	451.7	86	223.4	60	204.8	25	271.7
TOTAL DEATHS	249	13.0	236	12.8	13	20.7	6572	9.3	3418	10.1	3154	8.6	82	3.9	67	3.9	15	3.7
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	82	11.6	43	12.7	39	10.6	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	55	287.8	53	286.7	2	-	1445	204.8	788	233.0	657	178.9	21	99.7	16	94.0	5	-
DIABETES MELLITUS (250)	-	-	-	-	-	-	82	11.6	30	8.9	52	14.2	2	9.5	2	11.8	-	-
DISEASES OF HEART (390-398,402,404-429)	91	476.1	84	454.4	7	-	2288	324.3	1248	369.0	1040	283.2	23	109.2	20	117.5	3	-
CEREBROVASCULAR DISEASE (430-438)	25	130.8	24	129.8	1	-	561	79.5	272	80.4	289	78.7	7	33.2	5	29.4	2	-
ATHEROSCLEROSIS (440)	2	10.5	2	10.8	-	-	21	3.0	15	4.4	6	1.6	1	4.7	1	5.9	-	-
PNEUMONIA AND INFLUENZA (480-487)	8	41.9	8	43.3	-	-	202	28.6	125	37.0	77	21.0	3	14.2	3	17.6	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	8	41.9	8	43.3	-	-	207	29.3	144	42.6	63	17.2	2	9.5	2	11.8	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2	10.5	2	10.8	-	-	62	8.8	35	10.3	27	7.4	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	5.2	1	5.4	-	-	72	10.2	30	8.9	42	11.4	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	1	5.2	1	5.4	-	-	35	5.0	14	4.1	21	5.7	1	4.7	1	5.9	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2	10.5	2	10.8	-	-	117	16.6	14	4.1	103	28.0	1	4.7	-	-	1	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	6	31.4	5	27.1	1	-	74	10.5	29	8.6	45	12.3	1	4.7	1	5.9	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	10	52.3	9	48.7	1	-	269	38.1	112	33.1	157	42.8	5	23.7	5	29.4	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	6	31.4	6	32.5	-	-	113	16.0	55	16.3	58	15.8	3	14.2	3	17.6	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4	20.9	3	16.2	1	-	156	22.1	57	16.9	99	27.0	2	9.5	2	11.8	-	-
SUICIDE (E950-E959)	5	26.2	5	27.1	-	-	77	10.9	59	17.4	18	4.9	2	9.5	2	11.8	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	5.2	1	5.4	-	-	182	25.8	29	8.6	153	41.7	2	9.5	-	-	2	-
ALL OTHER CAUSES	32	167.4	31	167.7	1	-	796	112.8	431	127.4	365	99.4	11	52.2	9	52.9	2	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATI

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1988

	MORRISTOWN						MURFREESBORO						NASHVILLE					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 23,729		WHITE 21,341		OTHER RACES 2,388		ALL RACES 37,570		WHITE 31,557		OTHER RACES 6,013		ALL RACES 501,166		WHITE 374,271		OTHER RACES 126,895	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	327	13.8	286	13.4	41	17.2	666	17.7	493	15.6	173	28.8	8501	17.0	5839	15.6	2659	21.0
ILLEGITIMATE BIRTHS	90	27.5	65	22.7	25	61.0	192	28.8	88	17.8	104	60.1	2643	31.1	964	16.5	1677	63.1
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	20	6.1	14	4.9	6	14.6	51	7.7	31	6.3	20	11.6	782	9.2	417	7.1	364	13.7
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4	12.2	3	10.5	1	24.4	10	15.0	6	12.2	4	23.1	91	10.7	48	8.2	43	16.2
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	6.1	2	7.0	-	-	7	10.5	4	8.1	3	17.3	58	6.8	30	5.1	28	10.5
UNDER 7 DAYS OF AGE	2	6.1	2	7.0	-	-	6	9.0	4	8.1	2	11.6	41	4.8	21	3.6	20	7.5
7-27 DAYS OF AGE	-	-	-	-	-	-	1	1.5	-	-	1	5.8	17	2.0	9	1.5	8	3.0
FETAL DEATHS	2	6.1	2	7.0	-	-	6	9.0	2	4.1	4	23.1	35	4.1	21	3.6	14	5.3
INDUCED ABORTIONS	134	409.8	119	404.8	15	454.5	70	105.1	58	115.3	12	73.6	2623	308.6	1688	285.1	919	356.6
TOTAL DEATHS	241	10.2	225	10.5	16	6.7	362	9.6	308	9.8	54	9.0	4680	9.3	3586	9.6	1093	8.6
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	4.2	1	4.7	-	-	2	5.3	2	6.3	-	-	21	4.2	12	3.2	9	7.1
MALIGNANT NEOPLASMS (140-208)	53	223.4	48	224.9	5	-	76	202.3	62	196.5	14	232.8	1003	200.1	794	212.1	209	164.7
DIABETES MELLITUS (250)	3	12.6	3	14.1	-	-	4	10.6	4	12.7	-	-	92	18.4	55	14.7	37	29.2
DISEASES OF HEART (390-398,402,404-429)	77	324.5	73	342.1	4	-	124	330.1	105	332.7	19	316.0	1670	333.2	1310	350.0	359	282.9
CEREBROVASCULAR DISEASE (430-438)	31	130.6	30	140.6	1	-	35	93.2	33	104.6	2	33.3	338	67.4	255	68.1	83	65.4
ATHEROSCLEROSIS (440)	2	8.4	2	9.4	-	-	6	16.0	5	15.8	1	16.6	16	3.2	11	2.9	5	3.9
PNEUMONIA AND INFLUENZA (480-487)	4	16.9	4	18.7	-	-	9	24.0	9	28.5	-	-	175	34.9	133	35.5	42	33.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	15	63.2	15	70.3	-	-	16	42.6	15	47.5	1	16.6	161	32.1	144	38.5	17	13.4
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3	12.6	3	14.1	-	-	7	18.6	6	19.0	1	16.6	59	11.8	42	11.2	17	13.4
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	12.6	3	14.1	-	-	3	8.0	2	6.3	1	16.6	51	10.2	33	8.8	18	14.2
CONGENITAL ANOMALIES (740-759)	2	8.4	2	9.4	-	-	3	8.0	2	6.3	1	16.6	20	4.0	11	2.9	9	7.1
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	4.2	1	4.7	-	-	4	10.6	2	6.3	2	33.3	47	9.4	27	7.2	20	15.8
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3	12.6	2	9.4	1	-	2	5.3	1	3.2	1	16.6	28	5.6	20	5.3	8	6.3
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	12	50.6	11	51.5	1	-	30	79.9	27	85.6	3	49.9	227	45.3	177	47.3	50	39.4
MOTOR VEHICLE ACCIDENTS (E810-E825)	8	33.7	7	32.8	1	-	16	42.6	13	41.2	3	49.9	109	21.7	86	23.0	23	18.1
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4	16.9	4	18.7	-	-	14	37.3	14	44.4	-	-	118	23.5	91	24.3	27	21.3
SUICIDE (E950-E959)	3	12.6	3	14.1	-	-	3	8.0	3	9.5	-	-	81	16.2	67	17.9	14	11.0
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	3	8.0	2	6.3	1	16.6	80	16.0	34	9.1	46	36.3
ALL OTHER CAUSES	28	118.0	24	112.5	4	-	35	93.2	28	88.7	7	116.4	611	121.9	461	123.2	150	118.2

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1988

	OAK RIDGE						PARIS						RED BANK					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 29,227		WHITE 26,241		OTHER RACES 2,986		ALL RACES 11,503		WHITE 9,146		OTHER RACES 2,357		ALL RACES 13,983		WHITE 13,359		OTHER RACES 624	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	286	9.8	228	8.7	58	19.4	101	8.8	69	7.5	32	13.6	23	1.6	22	1.6	1	1.6
ILLEGITIMATE BIRTHS	69	24.1	37	16.2	32	55.2	32	31.7	9	13.0	23	71.9	4	17.4	4	18.2	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	21	7.3	16	7.0	5	8.6	11	10.9	6	8.7	5	15.6	1	4.3	1	4.5	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3	10.5	3	13.2	-	-	1	9.9	1	14.5	-	-	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	7.0	2	8.8	-	-	1	9.9	1	14.5	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	2	7.0	2	8.8	-	-	1	9.9	1	14.5	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	3	10.5	1	4.4	2	34.5	-	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	99	346.2	77	330.5	21	396.2	29	287.1	21	295.8	8	266.7	9	391.3	9	391.3	-	-
TOTAL DEATHS	281	9.6	265	10.1	16	5.4	166	14.4	130	14.2	36	15.3	107	7.7	107	8.0	-	-
CAUSE OF DEATH																		
SEPTICEMIA (038)	2	6.8	2	7.6	-	-	2	17.4	1	10.9	1	-	1	7.2	1	7.5	-	-
MALIGNANT NEOPLASMS (140-208)	66	225.8	61	232.5	5	-	41	356.4	33	360.8	8	-	29	207.4	29	217.1	-	-
DIABETES MELLITUS (250)	8	27.4	8	30.5	-	-	3	26.1	2	21.9	1	-	1	7.2	1	7.5	-	-
DISEASES OF HEART (390-398,402,404-429)	87	297.7	82	312.5	5	-	60	521.6	51	557.6	9	-	47	336.1	47	351.8	-	-
CEREBROVASCULAR DISEASE (430-438)	14	47.9	13	49.5	1	-	7	60.9	6	65.6	1	-	5	35.8	5	37.4	-	-
ATHEROSCLEROSIS (440)	4	13.7	2	7.6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	4	13.7	3	11.4	1	-	11	95.6	10	109.3	1	-	2	14.3	2	15.0	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	19	65.0	19	72.4	-	-	10	86.9	7	76.5	3	-	6	42.9	6	44.9	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	6	20.5	6	22.9	-	-	1	8.7	-	-	1	-	1	7.2	1	7.5	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	3.4	1	3.8	-	-	3	26.1	1	10.9	2	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	1	3.4	1	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2	6.8	2	7.6	-	-	1	8.7	1	10.9	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	10	34.2	10	38.1	-	-	-		-	-	-	-	2	14.3	2	15.0	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	10	34.2	9	34.3	1	-	5	43.5	3	32.8	2	-	2	14.3	2	15.0	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	7	24.0	6	22.9	1	-	3	26.1	2	21.9	1	-	-	-	-	-	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3	10.3	3	11.4	-	-	2	17.4	1	10.9	1	-	2	14.3	2	15.0	-	-
SUICIDE (E950-E959)	5	17.1	5	19.1	-	-	3	26.1	3	32.8	-	-	-	-	-	-	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3	10.3	3	11.4	-	-	1	8.7	-	-	1	-	-	-	-	-	-	-
ALL OTHER CAUSES	39	133.4	38	144.8	1	-	18	156.5	12	131.2	6	-	11	78.7	11	82.3	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1988

	SHELBYVILLE						SPRINGFIELD						TULLAHOMA					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 14,790		WHITE 12,244		OTHER RACES 2,546		ALL RACES 12,494		WHITE 8,327		OTHER RACES 4,167		ALL RACES 16,986		WHITE 15,729		OTHER RACES 1,257	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	196	13.3	159	13.0	37	14.5	230	18.4	155	18.6	75	18.0	244	14.4	209	13.3	35	27.8
ILLEGITIMATE BIRTHS	54	27.6	25	15.7	29	78.4	91	39.6	34	21.9	57	76.0	58	23.8	34	16.3	24	68.6
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	16	8.2	12	7.5	4	10.8	13	5.7	8	5.2	5	6.7	17	7.0	12	5.7	5	14.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	5	25.5	4	25.2	1	27.0	1	4.3	1	6.5	-	-	7	28.7	2	9.6	5	142.9
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4	20.4	4	25.2	-	-	1	4.3	1	6.5	-	-	5	20.5	-	-	5	142.9
UNDER 7 DAYS OF AGE	4	20.4	4	25.2	-	-	1	4.3	1	6.5	-	-	5	20.5	-	-	5	142.9
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	1	5.1	1	6.3	-	-	1	4.3	-	-	1	13.3	1	4.1	1	4.8	-	-
INDUCED ABORTIONS	14	71.4	11	69.2	3	81.1	8	34.8	5	31.8	3	41.1	15	61.5	13	61.6	2	60.6
TOTAL DEATHS	193	13.0	159	13.0	34	13.4	140	11.2	106	12.7	34	8.2	163	9.6	150	9.5	13	10.3
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	36	243.4	29	236.9	7	-	26	208.1	21	252.2	5	-	35	206.1	34	216.2	1	-
DIABETES MELLITUS (250)	6	40.6	3	24.5	3	-	1	8.0	1	12.0	-	-	7	41.2	6	38.1	1	-
DISEASES OF HEART (390-398,402,404-429)	63	426.0	51	416.5	12	-	52	416.2	37	444.3	15	-	46	270.8	43	273.4	3	-
CEREBROVASCULAR DISEASE (430-438)	23	155.5	22	179.7	1	-	14	112.1	10	120.1	4	-	13	76.5	12	76.3	1	-
ATHEROSCLEROSIS (440)	2	13.5	2	16.3	-	-	2	16.0	1	12.0	1	-	2	11.8	2	12.7	-	-
PNEUMONIA AND INFLUENZA (480-487)	6	40.6	6	49.0	-	-	3	24.0	3	36.0	-	-	9	53.0	9	57.2	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	7	47.3	7	57.2	-	-	5	40.0	5	60.0	-	-	5	29.4	5	31.8	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	6.8	1	8.2	-	-	1	8.0	1	12.0	-	-	3	17.7	3	19.1	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5	33.8	3	24.5	2	-	2	16.0	2	24.0	-	-	3	17.7	3	19.1	-	-
CONGENITAL ANOMALIES (740-759)	1	6.8	1	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	3	20.3	3	24.5	-	-	1	8.0	1	12.0	-	-	5	29.4	-	-	5	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	13.5	2	16.3	-	-	-	-	-	-	-	-	2	11.8	2	12.7	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	10	67.6	7	57.2	3	-	9	72.0	6	72.1	3	-	8	47.1	7	44.5	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	3	20.3	3	24.5	-	-	4	32.0	3	36.0	1	-	6	35.3	6	38.1	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7	47.3	4	32.7	3	-	5	40.0	3	36.0	2	-	2	11.8	1	6.4	1	-
SUICIDE (E950-E959)	3	20.3	2	16.3	1	-	1	8.0	1	12.0	-	-	4	23.5	3	19.1	1	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	2	16.0	2	24.0	-	-	1	5.9	1	6.4	-	-
ALL OTHER CAUSES	25	169.0	20	163.3	5	-	21	168.1	15	180.1	6	-	20	117.7	20	127.2	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1988

	UNION CITY					
ESTIMATED POPULATION, JULY 1, 1988	ALL RACES 11,279		WHITE 8,877		OTHER RACES 2,402	
	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	139	12.3	97	10.9	42	17.5
ILLEGITIMATE BIRTHS	38	27.3	9	9.3	29	69.0
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	4	2.9	1	1.0	3	7.1
INFANT DEATHS (UNDER ONE YEAR OF AGE)	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-
FETAL DEATHS	2	14.4	1	10.3	1	23.8
INDUCED ABORTIONS	25	179.9	19	190.0	6	153.8
TOTAL DEATHS	123	10.9	105	11.8	18	7.5
CAUSE OF DEATH						
SEPTICEMIA (038)	1	8.9	1	11.3	-	-
MALIGNANT NEOPLASMS (140-208)	20	177.3	15	169.0	5	-
DIABETES MELLITUS (250)	1	8.9	1	11.3	-	-
DISEASES OF HEART (390-398,402,404-429)	48	425.6	42	473.1	6	-
CEREBROVASCULAR DISEASE (430-438)	13	115.3	11	123.9	2	-
ATHEROSCLEROSIS (440)	9	79.8	7	78.9	2	-
PNEUMONIA AND INFLUENZA (480-487)	6	53.2	6	67.6	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS (490-496)	7	62.1	7	78.9	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	8.9	-	-	1	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1	8.9	-	-	1	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6	53.2	5	56.3	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	2	17.7	2	22.5	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4	35.5	3	33.8	1	-
SUICIDE (E950-E959)	2	17.7	2	22.5	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-
ALL OTHER CAUSES	8	70.9	8	90.1	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 95 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII-SELECTED DATA ON MARRIAGES AND DIVORCES BY RECORDED COUNTY, TENNESSEE, 1988

COUNTY	RECORDED MARRIAGES			RECORDED DIVORCES		
	NUMBER	PERSONS MARRIED	RATE*	NUMBER	PERSONS DIVORCED	RATE*
STATE	65326	130652	26.4	31287	62574	12.6
ANDERSON	789	1578	22.3	387	774	10.9
BEDFORD	368	736	25.0	259	518	17.6
BENTON	200	400	25.4	111	222	14.1
BLEDSOE	123	246	23.8	39	78	7.6
BLOUNT	904	1808	21.6	542	1084	13.0
BRADLEY	873	1746	23.1	636	1272	16.8
CAMPBELL	1260	2520	64.4	211	422	10.8
CANNON	183	366	33.9	54	108	10.0
CARROLL	339	678	23.1	196	392	13.4
CARTER	587	1174	22.2	376	752	14.2
CHEATHAM	184	368	14.1	167	334	12.8
CHESTER	205	410	29.6	244	488	35.2
CLAIBORNE	524	1048	39.1	182	364	13.6
CLAY	215	430	54.3	33	66	8.3
COCKE	483	966	32.1	197	394	13.1
COFFEE	543	1086	26.4	262	524	12.7
CROCKETT	175	350	22.9	71	142	9.3
CUMBERLAND	456	912	28.6	253	506	15.9
DAVIDSON	6052	12104	24.2	3291	6582	13.1
DECATUR	127	254	22.3	71	142	12.5
DEKALB	202	404	27.7	104	208	14.3
DICKSON	502	1004	29.7	229	458	13.6
DYER	535	1070	29.1	303	606	16.5
FAYETTE	260	520	18.7	157	314	11.3
FENTRESS	275	550	34.8	103	206	13.0
FRANKLIN	398	796	23.4	160	320	9.4
GIBSON	614	1228	24.4	334	668	13.3
GILES	391	782	29.9	166	332	12.7
GRAINGER	190	380	21.3	95	190	10.6
GREENE	724	1448	25.3	483	966	16.9
GRUNDY	196	392	25.6	65	130	8.5
HAMBLEN	716	1432	26.6	431	862	16.0
HAMILTON	3056	6112	19.9	1902	3804	12.4
HANCOCK	71	142	20.2	26	52	7.4
HARDEMAN	271	542	21.3	124	248	9.7
HARDIN	339	678	28.3	191	382	16.0
HAWKINS	494	988	20.6	317	634	13.2
HAYWOOD	205	410	18.8	114	228	10.5
HENDERSON	296	592	25.5	179	358	15.4
HENRY	347	694	22.8	235	470	15.4
HICKMAN	172	344	21.1	101	202	12.4
HOUSTON	90	180	24.8	53	106	14.6
HUMPHREYS	185	370	21.7	82	164	9.6
JACKSON	129	258	26.5	58	116	11.9
JEFFERSON	330	660	19.7	178	356	10.6
JOHNSON	190	380	26.0	107	214	14.7
KNOX	3512	7024	20.8	2380	4760	14.1
LAKE	90	180	24.1	48	96	12.9
LAUDERDALE	323	646	23.6	179	358	13.1
LAWRENCE	438	876	24.1	215	430	11.8
LEWIS	129	258	22.4	92	184	16.0
LINCOLN	583	1166	42.5	174	348	12.7
LOUDON	432	864	28.7	220	440	14.6
MCMINN	562	1124	25.2	285	570	12.8
MCNAIRY	339	678	27.7	161	322	13.1
MACON	266	532	30.9	106	212	12.3
MADISON	896	1792	22.3	493	986	12.3
MARION	433	866	33.3	139	278	10.7
MARSHALL	278	556	26.8	169	338	16.3
MAURY	576	1152	20.9	378	756	13.7
MEIGS	110	220	26.1	33	66	7.8
MONROE	436	872	28.1	197	394	12.7
MONTGOMERY	1522	3044	31.3	814	1628	16.7
MOORE	80	160	31.7	25	50	9.9
MORGAN	220	440	24.4	116	232	12.9
OBION	439	878	25.7	188	376	11.0
OVERTON	204	408	22.1	98	196	10.6
PERRY	90	180	28.0	36	72	11.2
PICKETT	113	226	48.1	20	40	8.5
POLK	243	486	33.6	55	110	7.6
PUTNAM	597	1194	22.9	329	658	12.6
RHEA	316	632	22.9	172	344	12.4
ROANE	531	1062	20.3	229	458	8.7
ROBERTSON	1967	3934	94.9	208	416	10.0
RUTHERFORD	1150	2300	23.9	743	1486	15.4
SCOTT	257	514	23.9	101	202	9.4
SEQUATCHIE	160	320	34.1	59	118	12.6
SEVIER	5767	11534	242.9	331	662	13.9
SHELBY	8751	17502	20.8	4112	8224	9.8
SMITH	169	338	21.1	93	186	11.6
STEWART	140	280	30.8	61	122	13.4
SULLIVAN	1611	3222	21.6	798	1596	10.7
SUMNER	1104	2208	21.6	658	1316	12.9
TIPTON	540	1080	29.9	518	1036	28.7
TROUSDALE	213	426	63.7	39	78	11.7
UNICOI	210	420	25.3	100	200	12.1
UNION	225	450	34.7	67	134	10.3
VAN BUREN	45	90	17.2	30	60	11.4
WARREN	401	802	22.6	277	554	15.6
WASHINGTON	995	1990	21.1	565	1130	12.0
WAYNE	175	350	24.0	85	170	11.7
WEAKLEY	354	708	20.9	247	494	14.6
WHITE	288	576	28.0	125	250	12.1
WILLIAMSON	599	1198	16.8	444	888	12.5
WILSON	679	1358	20.5	396	792	12.0

*RATE PER 1,000 POPULATION.

TABLE VIII BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION, INFANT DEATHS WITH RATES PER 1,000 LIVE BIRTHS, RECORDED DATA, TENNESSEE, 1988

County	Births		Infant Deaths		Deaths		County	Births		Infant Deaths		Deaths	
	Number	*Rate*	Number	*Rate*	Number	*Rate*		Number	*Rate*	Number	*Rate*	Number	*Rate*
Total	75,595	*15.3*	859	*11.4*	48,761	*9.8*	Lake	–	–	–	–	8	*1.1*
Anderson	954	*13.5*	2	*2.1*	728	*10.3*	Lauderdale	1	*0.0*	2	*	199	*7.3*
Bedford	239	*8.1*	2	*8.4*	262	*8.9*	Lawrence	548	*15.1*	–	–	280	*7.7*
Benton	–	–	–	–	149	*9.5*	Lewis	62	*5.4*	1	*16.1*	63	*5.5*
Bledsoe	–	–	–	–	68	*6.6*	Lincoln	163	*5.9*	4	*24.5*	223	*8.1*
Blount	823	*9.9*	3	*3.6*	688	*8.2*	Loudon	158	*5.3*	–	–	210	*7.0*
Bradley	1,149	*15.2*	6	*5.2*	634	*8.4*	McMinn	396	*8.9*	3	*7.6*	418	*9.4*
Campbell	412	*10.5*	4	*9.7*	329	*8.4*	McNairy	336	*13.7*	1	*3.0*	169	*6.9*
Cannon	39	*3.6*	–	–	75	*6.9*	Macon	3	*0.2*	–	–	99	*5.7*
Carroll	250	*8.5*	2	*8.0*	244	*8.3*	Madison	2,898	*36.1*	9	*3.1*	1,542	*19.2*
Carter	402	*7.6*	2	*5.0*	332	*6.3*	Marion	36	*1.4*	1	*27.8*	183	*7.0*
Cheatham	2	*0.1*	1	*	108	*4.1*	Marshall	93	*4.5*	1	*10.8*	186	*9.0*
Chester	–	–	1	*	42	*3.0*	Maury	1,346	*24.4*	–	–	572	*10.4*
Claiborne	1	*0.0*	–	–	251	*9.4*	Meigs	–	–	–	–	39	*4.6*
Clay	–	–	–	–	46	*5.8*	Monroe	237	*7.6*	6	*25.3*	225	*7.2*
Cocke	261	*8.7*	3	*11.5*	263	*8.8*	Montgomery	2,664	*27.4*	17	*6.4*	595	*6.1*
Coffee	616	*15.0*	9	*14.6*	343	*8.3*	Moore	–	–	–	–	5	*1.0*
Crockett	–	–	–	–	56	*3.7*	Morgan	–	–	–	–	60	*3.3*
Cumberland	661	*20.8*	1	*1.5*	414	*13.0*	Obion	562	*16.4*	–	–	355	*10.4*
Davidson	12,192	*24.3*	162	*13.3*	6,592	*13.2*	Overton	267	*14.5*	–	–	170	*9.2*
Decatur	–	–	–	–	99	*8.7*	Perry	47	*7.3*	–	–	72	*11.2*
DeKalb	93	*6.4*	–	–	138	*9.5*	Pickett	–	–	–	–	5	*1.1*
Dickson	445	*13.2*	2	*4.5*	342	*10.1*	Polk	29	*2.0*	–	–	80	*5.5*
Dyer	755	*20.5*	5	*6.6*	393	*10.7*	Putnam	970	*18.6*	5	*5.2*	457	*8.8*
Fayette	149	*5.4*	–	–	153	*5.5*	Rhea	133	*4.8*	3	*22.6*	148	*5.4*
Fentress	24	*1.5*	2	*83.3*	125	*7.9*	Roane	313	*6.0*	2	*6.4*	417	*8.0*
Franklin	521	*15.3*	1	*1.9*	305	*9.0*	Robertson	505	*12.2*	4	*7.9*	262	*6.3*
Gibson	266	*5.3*	3	*11.3*	463	*9.2*	Rutherford	1,491	*15.5*	8	*5.4*	853	*8.8*
Giles	37	*1.4*	2	*54.1*	220	*8.4*	Scott	7	*0.3*	–	–	180	*8.4*
Grainger	1	*0.1*	1	*	79	*4.4*	Sequatchie	1	*0.1*	–	–	62	*6.6*
Greene	730	*12.8*	3	*4.1*	539	*9.4*	Sevier	344	*7.2*	5	*14.5*	310	*6.5*
Grundy	61	*4.0*	1	*16.4*	42	*2.7*	Shelby	18,697	*22.2*	347	*18.6*	9,337	*11.1*
Hamblen	884	*16.4*	2	*2.3*	378	*7.0*	Smith	147	*9.2*	–	–	142	*8.9*
Hamilton	5,888	*19.1*	61	*10.4*	3,194	*10.4*	Stewart	–	–	–	–	48	*5.3*
Hancock	9	*1.3*	1	*	53	*7.5*	Sullivan	2,385	*16.0*	13	*5.5*	2,067	*13.8*
Hardeman	1	*0.0*	4	*	178	*7.0*	Sumner	1,138	*11.1*	6	*5.3*	667	*6.5*
Hardin	36	*1.5*	–	–	203	*8.5*	Tipton	313	*8.7*	6	*19.2*	273	*7.6*
Hawkins	154	*3.2*	–	–	224	*4.7*	Trousdale	1	*0.1*	1	*	65	*9.7*
Haywood	242	*11.1*	2	*8.3*	182	*8.4*	Unicoi	–	–	–	–	131	*7.9*
Henderson	97	*4.2*	–	–	158	*6.8*	Union	2	*0.2*	–	–	42	*3.2*
Henry	115	*3.8*	1	*8.7*	296	*9.7*	Van Buren	1	*0.2*	–	–	6	*1.1*
Hickman	1	*0.1*	1	*	129	*7.9*	Warren	351	*9.9*	2	*5.7*	278	*7.8*
Houston	35	*4.8*	2	*57.1*	126	*17.3*	Washington	1,765	*18.7*	22	*12.5*	1,381	*14.7*
Humphreys	1	*0.1*	–	–	77	*4.5*	Wayne	1	*0.1*	1	*	86	*5.9*
Jackson	3	*0.3*	–	–	72	*7.4*	Weakley	282	*8.3*	–	–	276	*8.1*
Jefferson	–	–	1	*	253	*7.5*	White	105	*5.1*	3	*28.6*	165	*8.0*
Johnson	9	*0.6*	–	–	81	*5.6*	Williamson	429	*6.0*	1	*2.3*	377	*5.3*
Knox	7,116	*21.1*	91	*12.8*	4,439	*13.2*	Wilson	694	*10.5*	1	*1.4*	408	*6.2*

For definition of certain terms and explanation of rates, see page 95 of this Bulletin.

APPENDICES

APPENDIX A
DEFINITIONS OF TERMS, RATES, AND RATIOS

Birth Rate - Number of live births per 1,000 population.

Cause-Specific Death Rate - Number of deaths from a specific cause per 100,000 population with the exception of the maternal death rate which is per 10,000 live births.

Crude Death Rate - Number of deaths per 1,000 population.

Divorce Rate - Number of persons divorced per 1,000 population.

Fertility Rate - Number of resident live births per 1,000 females 15-44 years of age.

Fetal Death (reportable) - A fetal death of 500 grams or more, or, in the absence of weight, of 22 completed weeks of gestation or more. (Note: Induced abortions are excluded from the fetal death count.)

Fetal Death Ratio - Number of fetal deaths per 1,000 live births.

Illegitimate - For live births and fetal deaths, legitimacy item on certificate or report checked "no".

Illegitimate Birth Rate - Number of illegitimate births per 100 live births.

Induced Abortion - The intentional termination of pregnancy for a purpose other than to produce a live-born infant or to remove a dead fetus.

Induced Abortion Ratio - The number of induced abortions per 1,000 live births by race of mother.

Infant Death - A death of a live-born infant under one year of age.

Infant Mortality Rate - Number of infant deaths per 1,000 live births.

Live Birth - A birth in which the child shows evidence of life (includes heart action, breathing, or a coordinated movement of a voluntary muscle) after complete birth.

Low Birthweight - A live birth weighing less than 2,500 grams.

Low Birthweight Rate - Number of live births weighing less than 2,500 grams per 100 live births.

Marriage Rate - Number of persons married per 1,000 population.

Maternal Death - A death due to complications of pregnancy, childbirth, and the puerperium (ICD codes 630-676).

Maternal Death Rate - Number of maternal deaths (ICD codes 630-676) per 10,000 live births. Rates by race for 1969-1974 are by race of child per 10,000 live births (race of mother is not available). Rates by race for 1975-1988 are by race of mother per 10,000 live births.

Neonatal Death - A death of a live-born infant under 28 days of age.

Neonatal Mortality Rate - Number of neonatal deaths per 1,000 live births.

Postneonatal Death - A death of an infant 28 days or more but under one year of age.

Postneonatal Mortality Rate - Number of postneonatal deaths per 1,000 live births.

Pregnancies - The sum of live births, reportable fetal deaths, and reported induced abortions.

Pregnancy Rate - Number of pregnancies per 1,000 female population aged 10-49.

Prenatal Care - The amount of prenatal care obtained by the mother is determined by information on the certificate of live birth concerning the month that prenatal care began and the number of prenatal visits.

Race - The terms "white" and "all other races" are used to denote the racial groups. Definitions used for classifying race are those specified by the Bureau of the Census.

Recorded Data - Data compiled according to geographic place where the event occurred without regard to residence. (Recorded data for Tennessee include events which took place within the State, irrespective of the residences of the persons to whom the events occurred.)

Resident Data - Data compiled according to the usual place of residence of the person to whom the event occurred without regard to the geographic place where the event occurred. For births, infant deaths, and fetal deaths, the residence is of the mother. (Resident data for Tennessee include events which occurred defined as the usual place of residence to residents of the State irrespective of where the events took place.)

Very Low Birthweight (VLBW) - A live birth weighing less than 1,500 grams.

Notes:

Death rates based on population are not calculated if the population is less than 100.

Death rates for specific causes are not calculated for white or all other races populations of less than 5,000.

In cases where a cause of death is sex-specific, the associated mortality rate is calculated per 100,000 population of the sex at risk.

Percents greater than or equal to 0.0 but less than 0.05 are indicated by 0.0.

Rates based on births are not calculated when the number of births is less than 10.

APPENDIX B

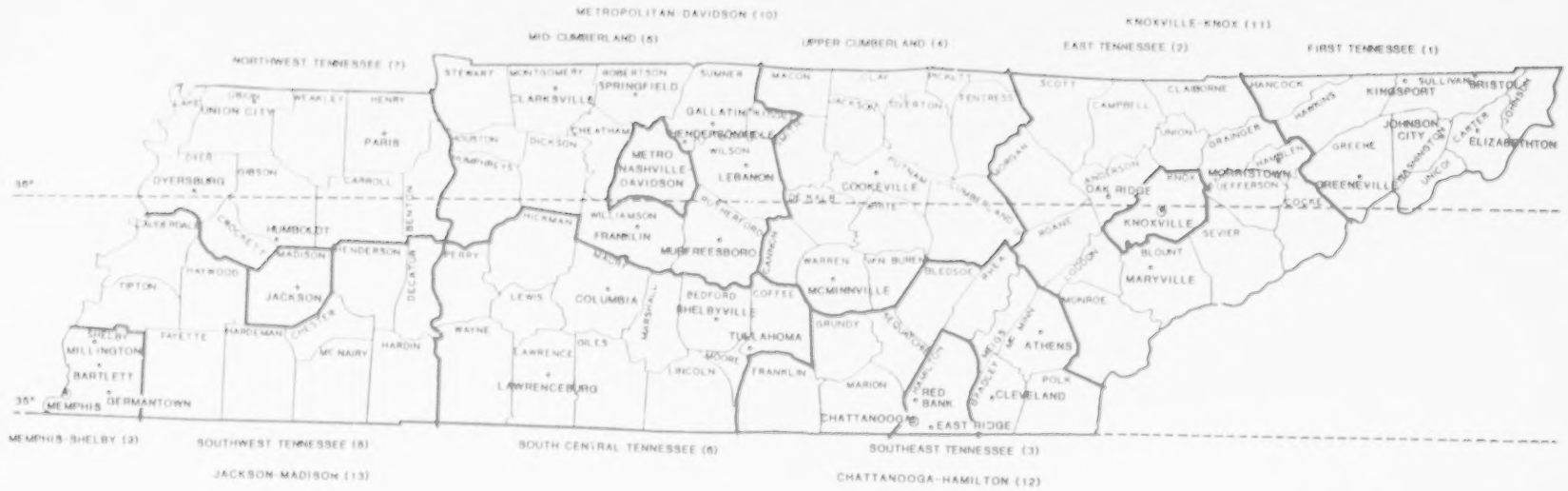
CORRESPONDENCE OF CODE NUMBERS FOR THE *EIGHTH AND NINTH REVISIONS INTERNATIONAL CLASSIFICATION OF DISEASES*

Category Title According to *Ninth Revision*	*International Classification* Code Numbers	
	Ninth Revision	*Eighth Revision*
Shigellosis and Amebiasis	004, 006	004, 006
Tuberculosis, All Forms	010-018	010-018
Respiratory System	010-012	010-012
Whooping Cough	033	033
Streptococcal Sore Throat, Scarlatina, and Erysipelas	034-035	034-035
Meningococcal Infection	036	036
Human Immunodeficiency Virus (HIV)	*042-*044	
Viral Encephalitis	049.8-049.9, 062-064	062-065
Measles	055	055
Viral Hepatitis	070	070, E931.1-E931.2, E931.8-E931.9
Rocky Mountain Spotted Fever	082.0	082.0
Syphilis	090-097	090-097
Malignant Neoplasms, All Sites	140-208	140-207
Digestive Organs and Peritoneum	150-159	150-159
Respiratory and Intrathoracic Organs	160-165	160-163, 194.2
Breast	174-175	174
Female Genital Organs	179-184	180-184
Male Genital Organs	185-187	185-187
Diabetes Mellitus	250	250
Diseases of Heart	390-398, 402, 404-429	390-398, 402, 404-429, 450, 782.4
Ischemic Heart Disease	410-414	410-413
Cerebrovascular Disease	430-438	430-438
Atherosclerosis	440	440
Pneumonia	480-486	480-486
Influenza	487	470-474
Chronic Obstructive Pulmonary Disease and Allied Conditions	490-496	490-493, 516.1, 516.2, 518, 519.3
Hernia and Intestinal Obstruction	550-553, 560	550-553, 560
Chronic Liver Disease and Cirrhosis	571	571
Cholelithiasis and Other Disorders of Gallbladder	574-575	574-575
Nephritis, Nephrotic Syndrome, and Nephrosis	580-589	580-584
Complications of Pregnancy, Childbirth, and the Puerperium	630-676	630-678
Congenital Anomalies	740-759	740-759
Certain Conditions Originating in the Perinatal Period	760-779	760-769.2, 769.4-772, 774-778
Accidents and Adverse Effects	E800-E949	E800-E949
Motor Vehicle Accidents	E810-E825	E810-E823
Suicide	E950-E959	E950-E959
Homicide and Legal Intervention	E960-E978	E960-E978

*These codes are not part of the *Ninth Revision International Classification of Diseases*.

APPENDIX C

MAP OF TENNESSEE SHOWING THE 95 COUNTIES, THE 37 CITIES OF 10,000 OR MORE POPULATION IN 1980, AND THE 13 HEALTH DEPARTMENT REGIONS



● CITIES OF 100,000 OR MORE POPULATION IN 1980

• CITIES OF 10,000 THROUGH 99,999 POPULATION IN 1980

Errata Note for Tennessee Vital Statistics, 1986-1987 - page 24:

Year	Estimated Population			Live Births						Deaths					
				All Races		White		All Other Races		All Races		White		All Other Races	
	All Races	White	All Other Races	No.	*Rate*	No.	*Rate*	No.	*Rate*	No.	*Rate*	No.	*Rate*	No.	*Rate*
Recorded															
1981...	4,636,018	3,883,140	752,878												
Resident															
1982...	.....	.....	.....	67,078	*14.3*	51,748	*13.2*	15,327	*20.4*						
1984...	.....	.....	.....							42,221	*9.0*	35,031	*8.8*	7,183	*9.5*

Please Note: The above corrections applies to the 1986 and 1987 Vital Statistics Bulletins rather than the current publication.

Errata Note for Tennessee vital Statistics, 1987 - page 31:

Year	Atherosclerosis					
	White					
	Total		Male		Female	
	No.	*Rate*	No.	*Rate*	No.	*Rate*
1975...	532	*14.8*	201	*11.5*	331	*17.9*
1986...	351	*8.7*	119	*6.1*	232	*11.3*

Please Note: The above corrections applies to the 1987 Vital Statistics Bulletin rather than the current publication.